US EPA RECORDS CENTER REGION 5
428399

Final Report

Illinois Environmental Protection Agency

Source Area 4 Groundwater Management Zone 2010 Annual Report

Southeast Rockford Groundwater Contamination Superfund Site

Rockford, Illinois

April 17, 2012

CDM Smith

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April 17, 2012

Mr. Doyle Wilson
Illinois Environmental Protection Agency
1021 N. Grand Avenue East
Springfield, IL 62702-4059

Subject: 2010300074 - Winnebago County
Final Source Area 4 Groundwater Management Zone 2010 Annual Report
Southeast Rockford Groundwater Contamination Superfund Site
Rockford, Winnebago County, Illinois
Superfund/Technical

Dear Mr. Wilson:

CDM Smith Inc. is pleased to submit two copies of the Final Source Area 4 Groundwater Management Zone 2010 Annual Report for the Southeast Rockford Groundwater Contamination Superfund Site, located in Rockford, Winnebago County, Illinois.

If you have any questions or comments, please contact me at (312) 780-7737.

Sincerely,

John Grabs, P.G.
Senior Project Manager
Camp Dresser & McKee Inc.

cc: Tim Drexler, USEPA

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Section 1

Section 1
Introduction

CDM Smith Inc. (CDM Smith), formerly Camp Dresser and McKee Inc. (CDM), has prepared this Annual Groundwater Management Zone (GMZ) Monitoring Report for the Illinois Environmental Protection Agency (Illinois EPA) to document the controls, management and quality of the groundwater within the GMZ at Source Area 4. Source Area 4 is part of the Southeast Rockford Groundwater Contamination Superfund Site (CERCLIS No. 2010300074), located in Rockford, Winnebago County, Illinois (**Figure 1**).

CDM Smith, under contract to IEPA, has completed the Remedial Design (RD)/ Remedial Action (RA) for the leachate component of Area 4 in accordance with the Operable Unit 3 (OU3) Record of Decision (ROD). The establishment of the GMZ for Area 4 was a requirement of the ROD. The GMZ application prepared by CDM Smith and dated December 4, 2009 was approved by Illinois EPA on December 16, 2010. The GMZ boundaries and monitoring well network are shown on **Figure 2**.

The GMZ monitoring was conducted in accordance with the GMZ application and the Source Area 4 GMZ Monitoring Sampling and Analysis Plan (SAP) prepared by CDM Smith. The GMZ sampling network includes 7 monitoring wells, 3 groundwater extraction wells and one multi-level well with 5 sampling ports for a total of 15 monitoring points. This report includes information from the initial baseline sampling conducted in November 2009 and the four subsequent quarterly sampling events. The report summarizes the methods and procedures used during the monitoring events, presents the data for the groundwater elevation measurements, and analytical results.

1.1 Leachate Control System Summary

From August through December 2009, the leachate control system components were installed and tested. The system began operation in December 2009 and was declared operational and functional on October 6, 2010. Construction of the system is described in *Interim Leachate Component Remedial Action Completion Report, Source Area 4, Southeast Rockford Groundwater Contamination Superfund Site*, dated February 2011.

Leachate is extracted at a rate of approximately 60 gallons per minute (gpm) through a series of three extraction wells (EW1 through EW3), submersible pumps, piping and controls. The treatment train consists of an oil-water separator, air stipper, bag filters, and separate carbon units for the liquid and vapor effluent streams. The liquid effluent is discharged on-site to a storm water ditch and the vapor effluent is discharged to the air. Effluent is monitored monthly for VOCs to confirm the leachate is treated to acceptable levels. The vapor phase carbon unit is currently by-passed because the total VOC contaminant mass entering the system is well below the permit equivalency-required discharge limit of 8 pounds per hour.

After the system had been in operation for a few weeks after start-up, it became apparent that iron-related bacteria (IRB) were degrading system performance. This decrease in system performance was caused by iron fouling of EW3, which extracts the most contaminated groundwater, and iron fouling of the lead liquid phase carbon vessel.

In order to control the formation of iron slime in the system, an anti-scalent and microbicide are injected into extraction well EW3 during warmer months (approximately March to November) and year round into the influent process line as it enters the treatment unit. When the chemicals are not injected into EW3, iron slime forms on the extraction well pump resulting in a gradual pumping rate loss of about 1 gallon per week. However, turning off the pump in extraction well EW1, which extracts the least contaminated water, temporarily increases the pumping rate in EW3. But this increase is temporary and eventually the EW3 pump must be removed and cleaned.

Section 2

Section 2
Field Activities

CDM Smith performed a baseline sampling event that included water level measurement at all GMZ monitoring network points and groundwater sample collection at some of the GMZ monitoring points on November 10th, 2009. This sampling event was conducted prior to the start-up of the leachate control system in order to provide baseline groundwater elevations and contaminant concentrations for comparison to the quarterly data obtained during system operation. The comparison will allow an evaluation of the effectiveness of the leachate control system as provided in this annual GMZ monitoring report.

Table 1 provides a summary of the baseline and quarterly sampling dates and wells sampled for each event. Wells that were not sampled include the following:

- During the baseline sampling event, the extraction wells (EW1, EW2 and EW3) were not operational and multi-level well MLW01 could not be sampled due to pump malfunction.
- During the first quarter sampling event, MW22B was inaccessible because of snow and ice that covered this flush-mounted well.
- During the third and fourth quarter sampling events, EW1 was turned off due to the low concentrations of contaminants being captured by that extraction well and consequently was not sampled.

Because the overall leachate control system quickly reached steady state conditions, these few missing data points do not impact the ability to evaluate the evaluate and monitor its effectiveness. All other sampling and analysis was performed in accordance with the SAP and approved GMZ application.

2.1 Groundwater Elevations

Potentiometric surface maps were prepared from the groundwater elevation data collected during the baseline study and the four quarters of GMZ monitoring. The groundwater elevation data used to compile these maps is provided in **Table 2**. The wells available for collection of elevation data include 12 of the GMZ monitoring points, but not the extraction wells. Groundwater elevation data was collected manually at each well prior to purging and sample collection. An electronic water level indicator was used and decontaminated before and after each use.

2.2 Sample Methods

The extraction wells were sampled from the tap on the waterlines that run to the treatment system and the each multi-level well port was sampled using integrated low-flow bladder pumps installed as part of the well assembly. The remaining monitoring wells were each purged using a submersible pump and pump controller capable of operating at low-flow purging rates. All wells were purged and sampled in accordance with the SAP. Except for the extraction wells, all wells were purged and sampled using low-flow methodology.

For all wells sampled except the extraction wells, field measurements of pH, temperature, specific conductance, dissolved oxygen (DO), turbidity, and oxidation-reduction potential (ORP) were monitored to identify the point stabilization was observed during purging. Parameter readings were recorded at five-minute intervals and purging continued until field parameters were observed to be within stable range (as provided below) for three consecutive readings.

- pH, ±0.25 standard units,
- dissolved oxygen, ±10 percent,
- specific conductance, ±50 umhos/cm,
- turbidity, less than 5 NTUs or ±10 percent,
- temperature, ±5° C,
- ORP potential ±10 mV).

Final readings taken prior to sampling are provided in **Table 3** and original data sheets listing all readings recorded during purging are provided in **Appendix A**.

Quality control samples collected for each of the quarterly sampling events included one field duplicate per 10 or fewer investigative samples, one field blank per 10 or fewer investigative samples, one trip blank for each cooler shipped containing aqueous samples for VOC analysis, and one MS/MSD per 20 or fewer samples.

Field instruments were calibrated daily to the appropriate standards in accordance with the SAP. New or dedicated sample tubing was used for each discrete sampling location. The groundwater sample was collected directly from the pump discharge tubing into pre-preserved sample containers provided by a local laboratory.

2.3 Analytical methods

Groundwater samples were analyzed through the U.S. Environmental Protection Agency (U.S. EPA) Contract Laboratory Program (CLP) for low/medium volatile organics under SOM01.2. Analytical results were subsequently validated by U.S. EPA Region 5's Environmental Services Assistance Team ESAT contractor. The Level 3 Validation included a review of holding times; instrument tuning and performance; internal standards; initial and continuing calibration; surrogate recoveries; lab, field, and trip blanks; field duplicates; MS/MSD; lab control samples; and compound identification, quantification and reported detection limits.

Section 3

Section 3
Results

This section presents the results of the baseline sampling events and the four quarters of GMZ Monitoring for the first year of operation of the leachate control system at Source Area 4.

The GMZ monitoring wells within, as well as upgradient and downgradient of the GMZ boundaries are used to determine the effectiveness of the extraction wells for containing the groundwater contamination. The samples were collected as specified in the SAP. The monitoring well sample concentrations were compared to the baseline results and the remediation goals established in the ROD.

3.1 Hydraulic Results

Groundwater elevation measurements were collected for the baseline event as well as for the four quarters of the GMZ Monitoring during this first year of the Leachate Control System operation. **Table 2** presents the dates of data collection and the water elevations measured. Potentiometric surface maps are presented for the baseline event and each of the four quarterly events in **Figures 3** through **7**. Groundwater gradients are estimated across the site using elevation data from MW32 as the upgradient location and MW22A and B and MW130 A and B as the downgradient locations. Under either non-pumping or pumping conditions, the hydraulic gradient is relatively flat.

The baseline sampling event was conducted on November 10, 2009. Groundwater elevations were measured at the 7 monitoring wells and 5 ports of the multi-level monitoring well. The baseline potentiometric surface map is presented as **Figure 3**. The groundwater flow for the baseline monitoring event was to the northwest trending more westerly closer to the drainage ditch. The gradient before start-up of the leachate control system was approximately 0.0023 ft/ft. There is a slight depression near MW401A and B, which are just west of the extraction wells that may have been due to system testing occurring prior to start-up.

The first quarter groundwater elevations were measured in February 2010 after the leachate control system had been operating for two months. All three of the extractions wells were operating at the time of this event. The groundwater flow direction continued to the northwest with a slight variation in flow direction between the extraction wells and the drainage ditch (**Figure 4**). This indicates that the leachate control system exerts a slight influence on the groundwater levels in the vicinity of the extraction wells, as would be expected. The approximate groundwater gradient calculated from the first quarter groundwater elevations was approximately 0.0033 ft/ft.

The second quarter groundwater elevations were measured in June 2010. At this time, all three of the extraction wells were pumping at an approximate rate of 20 gpm. The groundwater flow direction measured predominantly to the northwest with a slight depression in the vicinity of the multi-level well (**Figure 5**). This indicates that the leachate control system continued to exert a slight influence on the groundwater levels in the vicinity of the extraction wells. The second quarter groundwater gradient was approximately 0.0031 ft/ft.

The third and fourth quarter groundwater elevations, measured in October 2010 and January 2011, respectively, were collected after extraction well EW1 had been turned off because the pumping rate in EW3 had dropped to around 15 gpm. With extraction well EW1 turned off, the pumping rate in extraction wells EW2 and EW3 was increased to approximately 25 gpm each for a total of 50 gpm. The third quarter measurements were collected two days after EW1 had been shut off. The groundwater flow direction for both quarters is to the northwest (**Figures 6** and **7**). Groundwater elevations were the highest in the third quarter (**Table 2**) due to increased rainfall. In both of these quarters, the data collected does not indicate any obvious influence on the water levels due to the pumping; the approximate gradients were 0.0032 ft/ft in the third quarter and 0.0030 ft/ft in the fourth quarter. These gradients are increased from the baseline gradient indicating that the leachate control system continues to influence the groundwater levels.

3.2 Laboratory Analytical Results

The laboratory analytical results were compared to the remediation goals (RG) from the OU3 Record of Decision (ROD) and Groundwater Quality Standards for Class I: Potable Resource Groundwater (IAC 620.410). **Table 4** provides a summary of VOCs that have exceeded RGs in at least one sample collected during the baseline or four subsequent quarterly monitoring events. Complete analytical results are provided in **Appendix B**.

The GMZ monitoring investigative samples and associated QC samples were analyzed through the USEPA CLP and validated by U.S. EPA Region 5's ESAT contractor. Overall, the validation determined that the data are useable with qualifications. A small percentage of the analytical results were rejected; however, an evaluation of the rejected data determined that it does not constitute critical data and the rejected data does not result in any data gaps for this monitoring program. Numerous samples did exceed the calibration range for the initial run and required a second run at a dilution. The impacted parameters are qualified with a "D" indicating that the value reported is from the diluted sample run.

The field, trip and lab blanks did contain some compounds at low levels. The data has been qualified to reflect the blank contamination. The most common blank contaminants were acetone, methylene chloride and 2-butanone all of which are common laboratory contaminants. Low levels of toluene were detected in several field and trip blanks and the sample data was qualified to indicate the presence of blank contamination.

3.2.1 Baseline VOCs Exceeding RGs

During the baseline sampling conducted in November 2009, the extraction wells were not sampled because they were not operational and MWLo1, the multi-level well was not sampled because the pump control was not operational. For the baseline sampling event, downgradient well MW130A (**Figure 2**) exceeded the RG for TCA and MW401A, located immediately downgradient of the extraction well system, but within the GMZ boundary, exceeded the RGs for TCA, 1,1-DCE, and TCE (**Table 4**). The upgradient well, MW32, exceeded the RG for TCE.

3.2.2 1st Q 2010 VOCs Exceeding RGs

During the first quarter of the GMZ monitoring all the GMZ wells were sampled with the exception of MW22B, a downgradient well that was covered by snow and ice. Upgradient well MW32 contained TCE at a concentration that exceeds its RG. The compound TCA was detected over the RG in EW2, EW3, MWLo1E, MW130A and MW130B. The compounds 1,1,2-TCA, and TCE were also detected over the RG in EW3. The compound 1,1-DCE was detected in MLW01E and in MW130A. PCE was detected over the RG in MLW01E and carbon tetrachloride was detected over the RG in MW130A (**Table 4**).

3.2.3 2nd Q 2010 VOCs Exceeding RGs

All GMZ wells were also sampled during the second quarterly event. The only extraction well with detections over the RG was EW3. The compounds exceeding RGs for this well this quarter were TCA and 1,1-DCE. Well MLW01E had TCA, 1,1-DCE, and PCE detected over the RG. Downgradient well 130A had TCA and 1,1-DCE detected above the RG (**Table 4**). The upgradient well, MW32 exceeded the RG for TCE.

3.2.4 3rd Q 2010 VOCs Exceeding RGs

During the first quarter of the GMZ monitoring all the GMZ wells were sampled except EW1 which was turned off earlier in October of 2010. The compound TCA was detected over the RG in EW2, EW3, MWLo1E, and MW130A. The compound TCE was also detected over the RG in EW3. The compound 1,1-DCE was detected in MLW01E and in MW130A. PCE was detected over the RG in MLW01E (**Table 4**). The upgradient well, MW32 exceeded the RG for TCE.

3.2.5 4th Q 2010 VOCs Exceeding RGs

For the fourth quarter monitoring all wells except EW1 were sampled. The compound TCA was detected over the RG in EW3, MWLo1E, and MW130A. The compounds 1,1-DCE and TCE were also detected over the RG in EW3. The compound 1,1-DCE was detected in MW130A. PCE was detected over the RG in MLW01E (**Table 4**). The upgradient well, MW32 exceeded the RG for TCE.

Section 4

Section 4
Conclusions

This report summarizes the information obtained during the baseline and quarterly monitoring events for this first year of GMZ Monitoring at Source Area 4, Southeast Rockford Groundwater Contamination Site.

Groundwater levels were measured for the baseline and each quarter for the year. **Table 2** provides a summary of the groundwater elevation measurements. Once the leachate extraction system became operational in December 2009 after the baseline measurements, the gradient increased across the site due to the pumping of the extraction wells. Despite the fact that the northern most extraction well was shut-off during third and fourth quarters, the pumping rates were sufficient to keep the increased gradient fairly steady once the system was operational.

The groundwater flow direction remained consistent for the four quarters of GMZ monitoring events with only slight variations in the vicinity of the drainage ditch. Additionally it appears that the leachate control system was exerting a small localized influence on the groundwater near MWL01 and the MW401 well nest. It is acknowledged that there is a paucity of monitoring points in this area so the interpretation of the data is based on best judgment. Additional monitoring points are planned during the next phase of pre-design activities at Area 4 to help better evaluate the capture zone of the system and more fully define groundwater flow patterns.

Table 4 provides a summary of the VOCs that exceeded their RG during any monitoring event. The upgradient monitoring well, MW32, had low-level concentrations of several site-related VOCs for monitoring events, including TCE at concentrations that exceed the RG.

The three extraction wells had detections of contaminants of concern for all four quarters of monitoring. The northern-most well, EW1, had relatively low levels of contaminants, well below the RGs, for the first two quarters so it was turned off in early October, 2010 to compensate for iron fouling in EW3. EW2, the well just south of EW1, had detections of VOCs in all four quarters with only TCA exceeding the RG in the 2nd and 4th quarter. The southern-most extraction well, EW3, had several VOCs that exceeded RGs in each monitoring quarter. The primary contaminant of concern, TCA exceeded the RG for all four quarters.

The multi-level well, MLW01, showed low-level VOC concentrations in all four quarters for the four lower ports but the shallowest port had several VOCs that exceeded RGs each monitoring quarter. The VOC concentrations over the course of the year did not show any significant change for any of the ports.

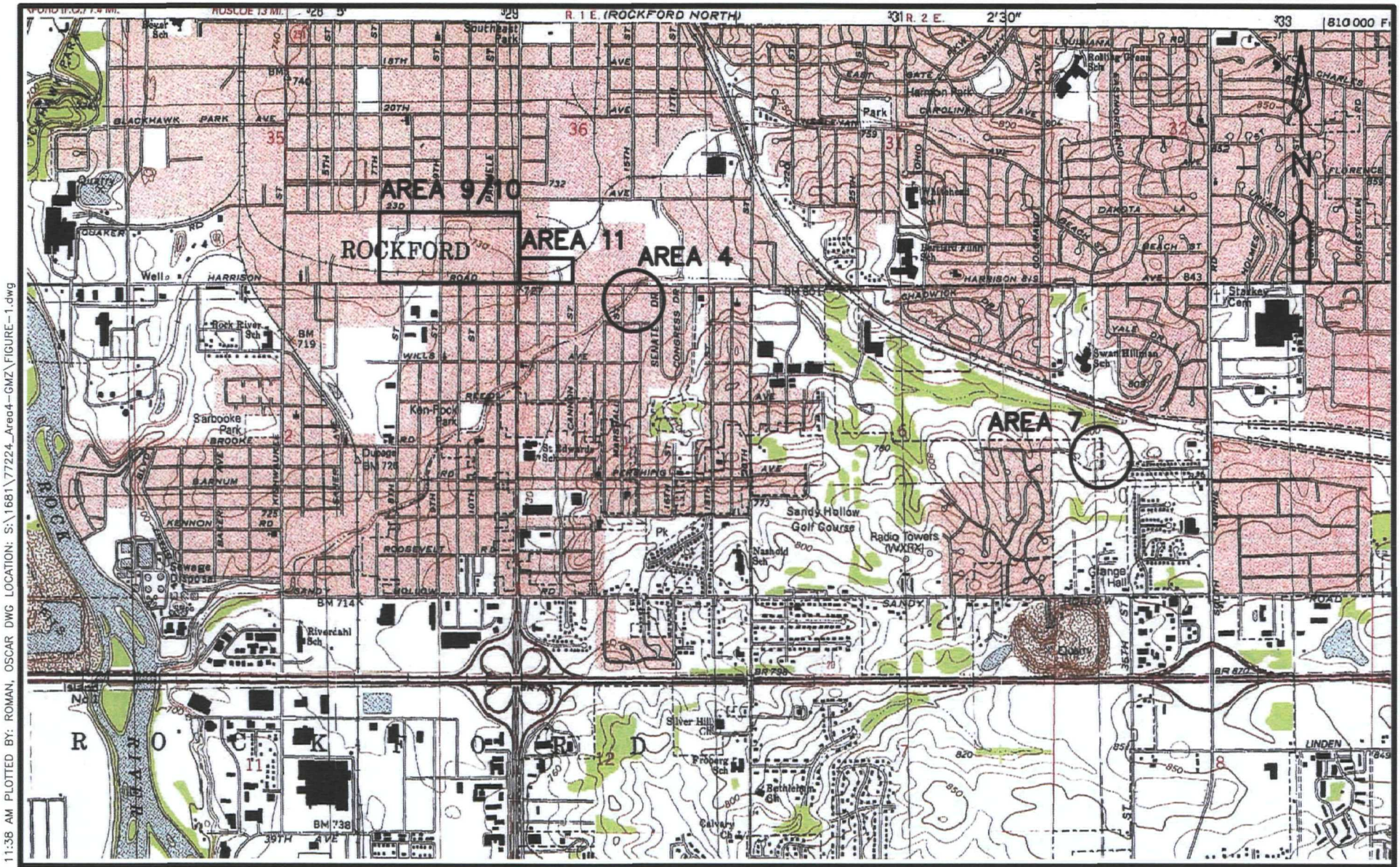
The well nest MW401 A and B which is located just west of EW1 had detections of several VOCs above the RG during the baseline event. Once the system was operational, the concentrations of VOCs decreased significantly and no VOCs were detected above their RGs for any of the monitoring quarters.

The downgradient wells, MW22A and B, are considered compliance wells for the GMZ. In both of these wells, no VOCs exceeded their RG and the concentrations either decreased slightly or remained constant from the baseline through all four quarters of monitoring. The other two compliance wells, MW130A and B, had detections of VOCs that exceeded the RGs. The deeper well MW130B had one exceedance of TCA in the first monitoring quarter. The shallower well, MW130A, had two or more VOCs exceed RGs in each quarter of monitoring. The concentrations in these wells did not show any significant changes over the year monitoring period.

The remedy for the leachate component of the Area 4 RA was declared operational and functional (O&F) because contaminant concentrations in groundwater immediately downgradient of the groundwater extraction system have decreased (MW401A and B) and the treatment of contaminated effluent is operating as designed. However, contaminant concentrations in groundwater further downgradient of the groundwater extraction system have not decreased (MW103A and B) and either the system has not been operating long enough to impact groundwater further downgradient or minor adjustments to the remedy, such as reconfiguring pump rates, will be needed. In addition, because there may be other sources of groundwater contamination in the vicinity of Area 4 that have not been identified, or this groundwater further downgradient is potentially being impacted by a source other than Area 4.

Figures

Figures



SOUTHEAST ROCKFORD GROUNDWATER CONTAMINATION SUPERFUND SITE
SOURCE CONTROL OPERABLE UNIT
ROCKFORD, ILLINOIS

CDM

AREA MAP

Figure No. 1

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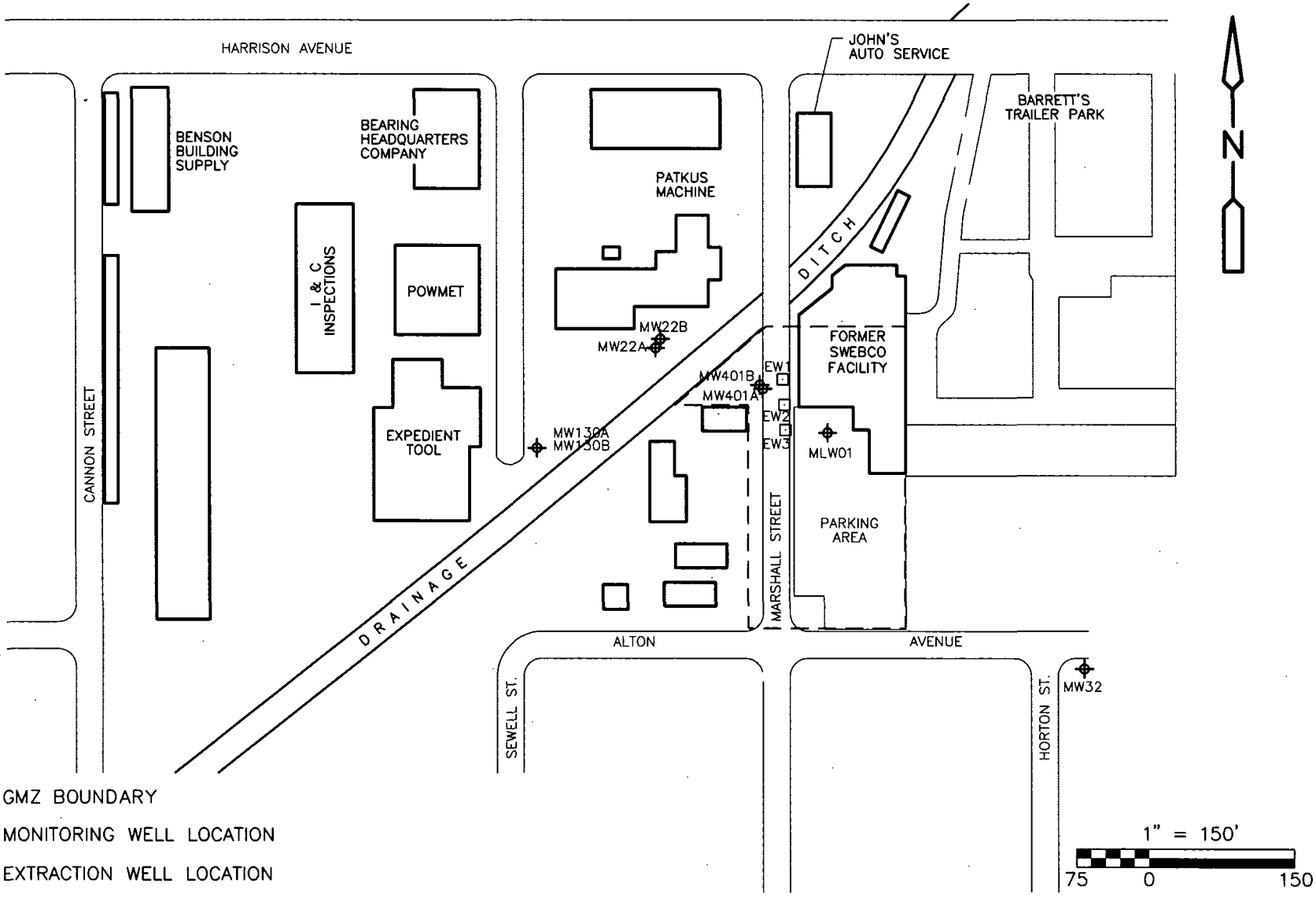


SOUTHEAST ROCKFORD GROUNDWATER CONTAMINATION SUPERFUND SITE
SOURCE CONTROL OPERABLE UNIT
ROCKFORD, ILLINOIS

CDM

AREA 4 VICINITY MAP

Figure No. 2

PLOT DATE: 6/3/2011 11:39 AM PLOTTED BY: ROMAN, OSCAR DWG LOCATION: S:\1681\77224_Area4-GMZ\FIGURE-2.dwg

Legend

- Monitoring Well Location
- Baseline Groundwater Contour
- GMZ Boundary

CDM

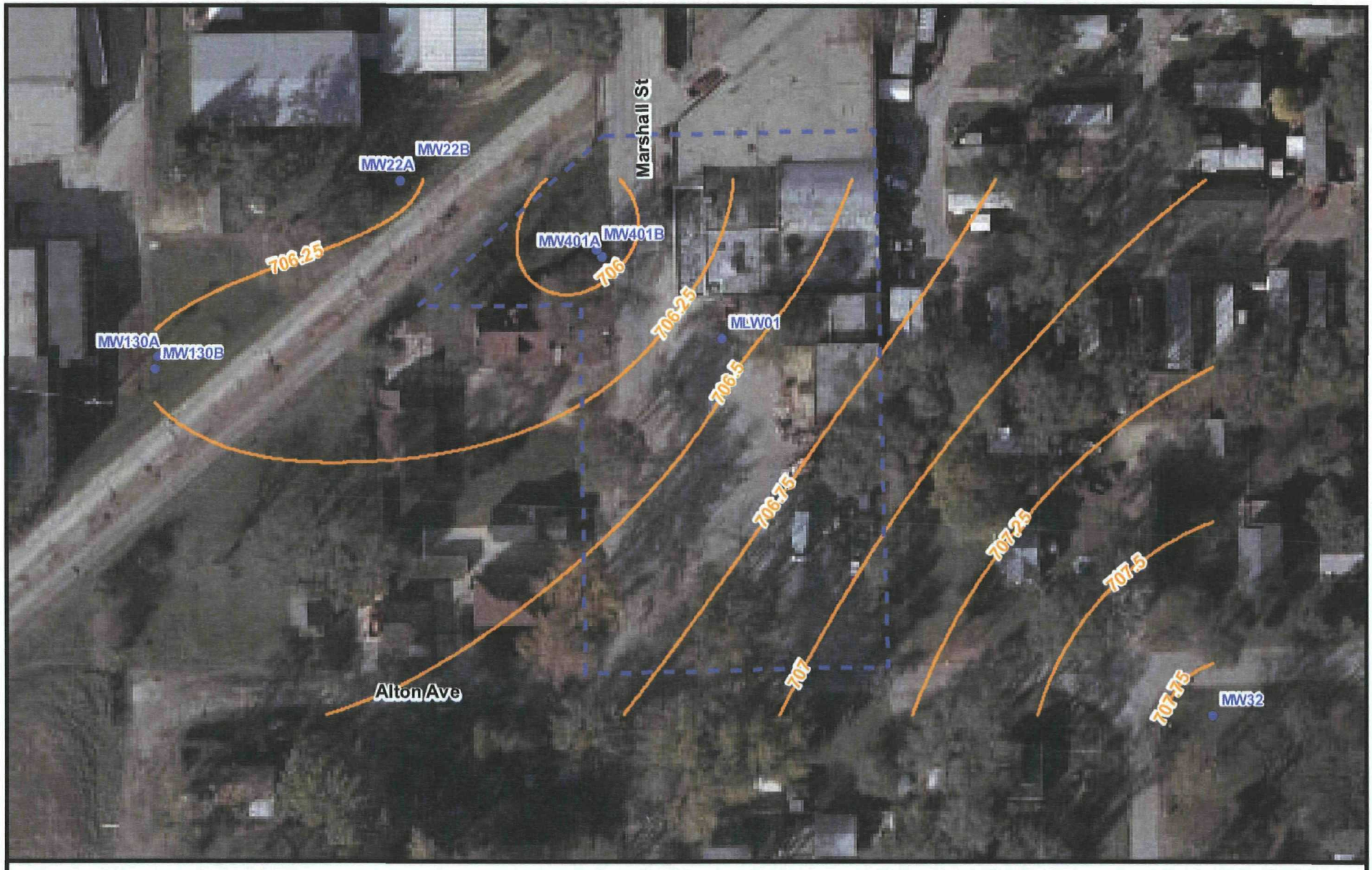
Southeast Rockford Groundwater Contamination Superfund Site
Source Control Operable Unit
Rockford, Illinois

Area 4 Baseline Groundwater Potentiometric Surface

N

0 20 40 80 Feet

Figure No. 3



Southeast Rockford Groundwater Contamination Superfund Site
Source Control Operable Unit
Rockford, Illinois

Area 4 First Quarter Groundwater Potentiometric Surface Map

Legend

- Monitoring Well Location
- Groundwater Contour
- GMZ Boundary

CDM

N

0 20 40 80 Feet

Figure No. 4

Legend

- Monitoring Well Location
- Groundwater Contour
- GMZ Boundary

CDM

Southeast Rockford Groundwater Contamination Superfund Site
Source Control Operable Unit
Rockford, Illinois

Area 4 Second Quarter Groundwater Potentiometric Surface Map

N

0 20 40 80 Feet

Figure No. 5

Legend

- Monitoring Well Location
- Groundwater Contour
- GMZ Boundary

CDM

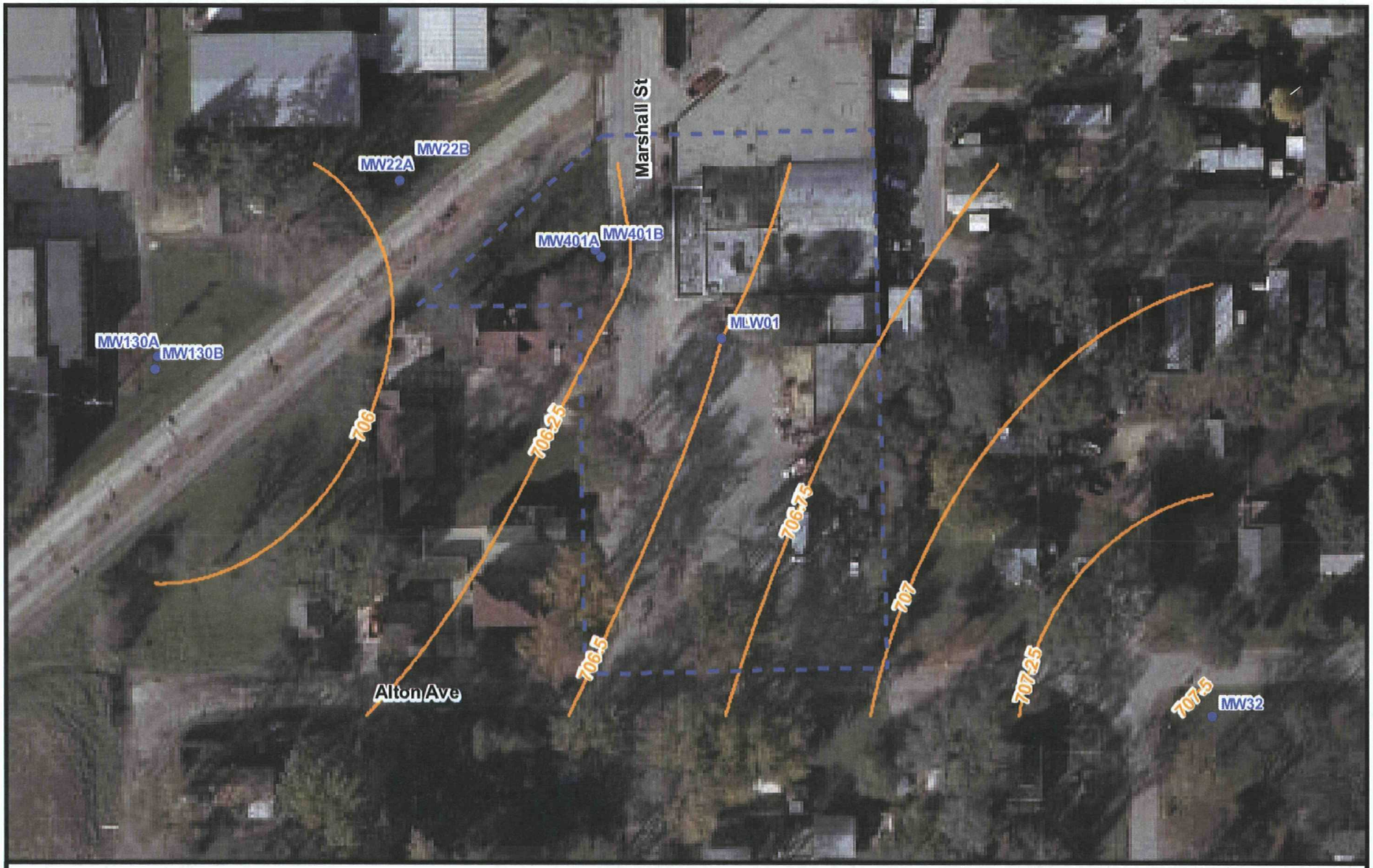
Southeast Rockford Groundwater Contamination Superfund Site
Source Control Operable Unit
Rockford, Illinois

Area 4 Third Quarter Groundwater Potentiometric Surface Map

N

0 20 40 80 Feet

Figure No. 6



Legend

- Monitoring Well Location
- Groundwater Contour
- GMZ Boundary

CDM

Southeast Rockford Groundwater Contamination Superfund Site
Source Control Operable Unit
Rockford, Illinois

Area 4 Fourth Quarter Groundwater Potentiometric Surface Map

N

0 20 40 80 Feet

Figure No. 7

Tables

Tables

Table 1

Baseline and Quarterly Sampling Dates
Source Area 4 GMZ Monitoring Annual Report
Southeast Rockford Groundwater Contamination Superfund Site

	MW032	MW401A	MW401B	MW022A	MW022B	MW130A	MW130B	EW001	EW002	EW003	MLW01A	MLW01B	MLW01C	MLW01D	MLW01E
Baseline	11/10/09	11/11/09	11/11/09	11/11/09	11/11/09	11/11/09	11/11/09	System not operating			Pump control box broken				
1st Qtr 2010	2/10/10	2/11/10	2/10/10	2/11/10	inaccessible: snow/ice pile	2/11/10	2/10/10	2/11/10	2/11/10	2/11/10	2/10/10	2/10/10	2/10/10	2/10/10	2/10/10
2nd Qtr 2010	6/14/10	6/14/10	6/14/10	6/14/10	6/14/10	6/15/10	6/15/10	6/14/10	6/14/10	6/14/10	6/14/10	6/14/10	6/15/10	6/15/10	6/15/10
3rd Qtr 2010	10/6/10	10/6/10	10/6/10	10/7/10	10/6/10	10/7/10	10/7/10	EW1 turned off	10/7/10	10/7/10	10/7/10	10/7/10	10/7/10	10/7/10	10/7/10
4th Qtr 2010	1/12/11	1/12/11	1/13/11	1/13/11	1/13/11	1/13/11	1/13/11		1/12/11	1/12/11	1/12/11	1/12/11	1/12/11	1/12/11	1/12/11

CDM Smith

Table 2

Annual 2010 Observed Groundwater Elevations
Source Area 4 GMZ Monitoring Annual Report
Southeast Rockford Groundwater Contamination Superfund Site

Well ID	Top of Casing Elevation (ft)	Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft AMSL)	Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft AMSL)	Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft AMSL)	Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft AMSL)	Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft AMSL)
	Date	11/10/09 - Baseline		2-10-10 1st Quarter		6-14-10 2nd Quarter		10-06-10 3rd Quarter		1-12-11 4th Quarter	
MW-22A	730.35	23.73	706.62	23.90	706.45	23.72	706.63	23.08	707.27	24.31	706.04
MW-22B	729.75	23.12	706.63	-	-	23.11	706.64	22.47	707.28	23.71	706.04
MW-32	733.84	26.59	707.25	25.83	708.01	25.66	708.18	25.00	708.84	26.30	707.54
MW-130A	728.04	21.65	706.39	21.85	706.19	21.61	706.43	21.41	706.63	22.23	705.81
MW-130B	727.52	23.17	704.35	21.33	706.19	21.12	706.40	20.52	707.00	21.76	705.76
MW-401A	730.35	25.46	704.89	23.81	706.54	23.59	706.76	22.94	707.44	24.17	706.18
MW-401B	730.34	25.44	704.90	25.44	704.90	23.56	706.78	22.90	707.44	24.13	706.21
MWL01A (69ft)	731.77	25.51	706.18	26.19	705.50	26.09	705.60	25.31	706.38	26.25	705.44
MWL01B (60ft)	731.77	25.30	706.39	25.98	705.71	25.89	705.80	25.13	706.56	26.06	705.63
MWL01C (49ft)	731.77	25.24	706.45	25.90	705.79	25.81	705.88	24.98	706.71	25.87	705.82
MWL01D (41ft)	731.77	25.07	706.62	25.76	705.93	25.67	706.02	24.86	706.83	25.77	705.92
MWL01E (33.5ft)	731.77	24.60	707.09	25.18	706.51	25.04	706.65	-	-	25.19	706.50

Table 3

Final Stabilized Field Parameter Readings for Monitoring Well Purging
Source Area 4 GMZ Monitoring Annual Report
Southeast Rockford Groundwater Contamination Superfund Site

Final Parametes Readings	Flowrate mL/min	Drawdown	pH	Specific cond mS/Cm	Turbitidy NTU	Dissolved Oxygen mg/L	Temp °C	ORP mV	purged Min
4th Qtr 2009									
MLW01A	-----	-----	-----	-----	-----	-----	-----	-----	-----
MLW01B	-----	-----	-----	-----	-----	-----	-----	-----	-----
MLW01C	-----	-----	-----	-----	-----	-----	-----	-----	-----
MLW01D	-----	-----	-----	-----	-----	-----	-----	-----	-----
MLW01E	-----	-----	-----	-----	-----	-----	-----	-----	-----
MW22A	470	0.03	6.88	1529	1.3	6.09	14.65	125.2	40
MW22B	500	0.03	6.94	1125	18	5.11	14.89	65.4	60
MW32	500	1.16	6.73	1233	3.1	15.87	14.23	110.7	45
MW130A	200	0.32	6.56	1134	13.4	4.61	16.01	34.2	50
MW130B	460	0.03	6.88	1147	5.7	7.5	14.5	102.7	50
MW401A	500	0.02	6.81	1518	6.58	4.65	16.16	96.8	35
MW401B	460	0.03	6.89	1130	7.8	12.61	14.2	91.2	30
1st Qtr 2010									
MLW01A	230	-----	7.05	1146	2.52	2.58	10.28	-73.3	41
MLW01B	340	-----	7.05	1358	0.59	6.61	10.63	55.7	39
MLW01C	330	-----	7.07	1349	0.48	6.46	10.64	66	40
MLW01D	250	-----	7.06	1303	0.82	6.58	10.51	60.3	37
MLW01E	250	-----	6.9	1222	1.11	1.86	10.37	-148.9	30
MW22A	500	0.04	7.07	1.033	3.44	8.35	10.09	61.4	30
MW22B	-----	-----	-----	-----	-----	-----	-----	-----	-----
MW32	500	0.03	6.84	0.983	4.18	5.72	10.16	204.9	60
MW130A	250	0.33	7.01	0.979	14.5	3.51	12.89	-196.8	50
MW130B	400	0.03	7.1	0.978	3.17	5.13	12.09	-8.4	40
MW401A	500	0.04	7.14	0.971	5.15	6.23	12.7	101.7	35
MW401B	450	0.07	7.05	0.948	3.76	5.21	10.3	189.4	35
2nd Qtr 2010									
MLW01A	175	-----	YSI malfunction						53
MLW01B	325	-----	YSI malfunction						40
MLW01C	350	-----	7.29	1.39	2.23	3.39	13.49	74.2	58
MLW01D	275	-----	7.27	1.384	2.14	3.83	13.37	79.5	35
MLW01E	450	-----	7.3	1.31	2.1	0.96	14.88	-126.4	25
MW22A	500	0.05	7.26	962	3.94	2.25	14.69	88.4	30
MW22B	500	0.06	7.29	1011	5.66	3.69	14.01	-152.8	45
MW32	500	0.04	7.18	1137	3.09	7.23	14.24	73.1	40
MW130A	200	0.41	7.18	1151	39.3	3.5	16.29	-232.5	65
MW130B	500	0.04	7.3	1057	6.26	4.15	14.36	77.9	40
MW401A	450	0.03	7.27	1049	4.83	4.42	14.23	80.2	40
MW401B	500	0.15	7.28	1073	433	6.98	14.68	74.2	50

CDM Smith

Table 3

Final Stabilized Field Parameter Readings for Monitoring Well Purging
Source Area 4 GMZ Monitoring Annual Report
Southeast Rockford Groundwater Contamination Superfund Site

Final Parametes Readings	Flowrate mL/min	Drawdown	pH	Specific cond mS/Cm	Turbitidy NTU	Dissolved Oxygen mg/L	Temp °C	ORP mV	purged Min
3rd Qtr 2010									
MLW01A	175	-----	7.25	1.16	1.06	1.39	13.93	105.1	44
MLW01B	275	-----	7.21	1.295	0.55	4.75	13.64	177.7	34
MLW01C	430	-----	7.23	1.299	0.44	4.96	13.3	167.7	39
MLW01D	450	-----	7.22	1.321	0.29	5.32	13.18	169.3	21
MLW01E	350	-----	7.16	1.28	0.77	0.31	13.63	-56.1	22
MW22A	350	0.03	7.01	1.613	8.44	8.82	14.5	107.4	45
MW22B	350	0.01	7.1	1.224	1837	6.43	15.85	50.1	75
MW32	350	0.02	7.02	1.376	6.78	5.36	15.39	79.7	45
MW130A	300	0.24	7.1	1.29	9.98	3.92	16.03	17.5	75
MW130B	450	0.04	7.17	1.265	9.8	5.7	16.67	101.1	85
MW401A	350	0.01	7.1	1.228	15.6	5.76	16.92	101.1	70
MW401B	250	0.03	7.11	1.253	8.91	5.42	15.23	105.6	60
4th Qtr 2010									
MLW01A	250	-----	7.08	1.144	2.3	2.71	10.24	-73.4	37
MLW01B	340	-----	6.98	1.341	1.27	5.32	6.99	3.1	28
MLW01C	340	-----	6.86	1.327	2.04	6.17	10.46	40.1	28
MLW01D	325	-----	6.95	1.301	1.18	6.22	10.59	36	35
MLW01E	240	-----	6.95	0.932	2.39	0.67	10.63	-220.8	39
MW22A	400	0.04	6.98	1.381	9.24	9.35	12.54	14.3	45
MW22B	250	0.01	7.11	1.27	30.2	7.1	12.11	-34.8	70
MW32	200	0.01	6.97	1.329	5.89	8.16	12.61	282.1	45
MW130A	200	0.22	6.89	1.284	50	3.57	14.03	-59	60
MW130B	200	0.01	7.01	1.31	6.1	6.1	12.59	19.7	45
MW401A	300	0.01	7.1	0.942	18	17.45	14.42	275.2	55
MW401B	250	0.09	7.01	1.296	6	5.97	11.01	13.8	55
1st Qtr 2011									
MLW01A	425	YSI Malfunction			0.82	YSI Malfuction			53
MLW01B	325				0.43				58
MLW01C	240				0.72				63
MLW01D	200				0.19				68
MLW01E	200				0.87				83
MW22A	250	0.01	7.02	1.04	9.2	7.39	14.41	125.8	50
MW22B	300	0.04	2.02	1.169	44.7	5.21	13.55	140.5	60
MW32	200	0.03	6.93	1.314	101	4.61	11.43	112.5	45
MW130A	200	0.27	6.83	1.2	21.6	2.66	14.94	73.9	90
MW130B	250	0.01	6.99	1.267	22.3	483	14.16	115	60
MW401A	250	0.02	7	1.01	71.4	8.01	12.76	115.7	60
MW401B	200	0.08	6.96	1.225	14	4.24	11.73	101.8	47

Table 4

Compounds Exceeding Remediation Goals
Souce Area 4 GMZ Monitoring Annual Report
Southeast Rockford Groundwater Contamination Superfund Site

Location		A4-EW001	A4-EW001	A4-EW002	A4-EW002	A4-EW002	A4-EW002	A4-EW003	A4-EW003	A4-EW003	A4-EW003
Sample Type		N	N	N	N	N	N	N	N	N	N
Sample Date	RG	2/11/2010	6/14/2010	2/11/2010	6/14/2010	10/7/2010	1/12/2011	2/11/2010	6/14/2010	10/7/2010	1/12/2011
Chemical (µg/L)	(µg/L)										
1,1,1-Trichloroethane	200	34 D	15	**250 D**	93 D	**280 J**	77	**2400 D**	**910 D**	**1500 J**	**1900 D**
1,1,2-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	**8.6 J**	1.2	2.1 J	1.2 J
1,1-Dichloroethene	7	0.5 U	1.3	4.7	2.4	5 U	1.5 J	13 U	**45 J**	**26**	**8.7 J**
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	13 U	0.5 U	5 U	10 U
Tetrachloroethene	5	0.49 J	0.35 J	0.88	0.62	0.82 J	0.58 J	3.1 J	1.4	2.5 J	2.2 J
Trichloroethene	5	3	1.7	3.3	1.8	3.6 J	2.7 J	**9.8 J**	3.3	**10**	**8.9 J**

Notes:
FD = Field Duplicate
D = Dilution
ug/L = Microgram per Liter
J = Estimated
U = Undetected

Table 4

Compounds Exceeding Remediation Goals
Souce Area 4 GMZ Monitoring Annual Report
Southeast Rockford Groundwater Contamination Superfund Site

Location		A4-MLW01A	A4-MLW01A	A4-MLW01A	A4-MLW01A	A4-MLW01B	A4-MLW01B	A4-MLW01B	A4-MLW01B
Sample Type		N	N	N	N	N	N	N	N
Sample Date	RG	2/10/2010	6/14/2010	10/7/2010	1/12/2011	2/10/2010	6/14/2010	10/7/2010	1/12/2011
Chemical (µg/L)	(µg/L)								
1,1,1-Trichloroethane	200	7.4	4.1	6.5	5.5	9	5.3	7.6	6.9
1,1,2-Trichloroethane	5	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	5 U	5 U
1,1-Dichloroethene	7	0.5 U	0.7	5 U	1.5 J	0.5 U	0.95	5 U	1.3 J
Carbon tetrachloride	5	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	5 U	5 U
Tetrachloroethene	5	0.27 J	0.5 U	5 U	0.23 J	0.54	0.32 J	0.55 J	0.54 J
Trichloroethene	5	1.6	0.99	1.6 J	5 U	2.6	1.7	2.8 J	2.5 J

Notes:
FD = Field Duplicate
D = Dilution
ug/L = Microgram per Liter
J = Estimated
U = Undetected

Table 4

Compounds Exceeding Remediation Goals
Souce Area 4 GMZ Monitoring Annual Report
Southeast Rockford Groundwater Contamination Superfund Site

Location		A4-MLW01C	A4-MLW01C	A4-MLW01C	A4-MLW01C	A4-MLW01D	A4-MLW01D	A4-MLW01D	A4-MLW01D
Sample Type		N	N	N	N	N	N	N	N
Sample Date	RG	2/10/2010	6/15/2010	10/7/2010	1/12/2011	2/10/2010	6/15/2010	10/7/2010	1/12/2011
Chemical (µg/L)	(µg/L)								
1,1,1-Trichloroethane	200	9.2	5.1	7.9	6.8	7.9	5.6	8.1	7.5
1,1,2-Trichloroethane	5	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	5 U	5 U
1,1-Dichloroethene	7	0.5 U	1	5 U	1.4 J	0.5 U	1.2	5 U	5 U
Carbon tetrachloride	5	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	5 U	5 U
Tetrachloroethene	5	0.5	0.42 J	0.57 J	0.5 J	0.39 J	0.39 J	0.55 J	0.45 J
Trichloroethene	5	2.6	1.7	2.7 J	2.6 J	2.1	1.6	2.7 J	2.7 J

Notes:
FD = Field Duplicate
D = Dilution
ug/L = Microgram per Liter
J = Estimated
U = Undetected

Table 4

Compounds Exceeding Remediation Goals
Souce Area 4 GMZ Monitoring Annual Report
Southeast Rockford Groundwater Contamination Superfund Site

Location		A4-MLW01E	A4-MLW01E	A4-MLW01E	A4-MLW01E	A4-MW022A	A4-MW022A	A4-MW022A	A4-MW022A
Sample Type		N	N	N	N	N	N	N	N
Sample Date	RG	2/10/2010	6/15/2010	10/7/2010	1/12/2011	11/11/2009	2/11/2010	6/14/2010	10/7/2010
Chemical (µg/L)	(µg/L)								
1,1,1-Trichloroethane	200	**2300 D**	**1800 D**	**840 J**	**1200 D**	99 D	47 D	48 D	48
1,1,2-Trichloroethane	5	2.5 U	0.5 U	5 U	10 U	0.5 U	0.5 U	0.5 U	5 U
1,1-Dichloroethene	7	**19**	**38 DJ**	**15**	6.8 J	3.3	0.5 U	1	5 U
Carbon tetrachloride	5	2.5 U	0.5 U	5 U	10 U	0.5 U	0.5 U	0.5 U	5 U
Tetrachloroethene	5	**22**	**16**	**30**	**25**	0.29 J	0.23 J	0.5 U	5 U
Trichloroethene	5	3.3	1.5	2.5 J	4.5 J	1.6	1.3	0.73	0.66 J

Notes:
FD = Field Duplicate
D = Dilution
ug/L = Microgram per Liter
J = Estimated
U = Undetected

Table 4

Compounds Exceeding Remediation Goals
Souce Area 4 GMZ Monitoring Annual Report
Southeast Rockford Groundwater Contamination Superfund Site

Location		A4-MW022A	A4-MW022A	A4-MW022A	A4-MW022B	A4-MW022B	A4-MW022B	A4-MW022B
Sample Type		FD	N	FD	N	N	N	N
Sample Date	RG	10/7/2010	1/13/2011	1/13/2011	11/11/2009	6/14/2010	10/6/2010	1/13/2011
Chemical (µg/L)	(µg/L)							
1,1,1-Trichloroethane	200	48	35	33	12	5	7.7	6.4
1,1,2-Trichloroethane	5	5 U	5 U	5 U	0.5 U	0.5 U	5 U	5 U
1,1-Dichloroethene	7	5 U	1.5 J	1.4 J	0.5 U	1	5 U	1.5 J
Carbon tetrachloride	5	5 U	5 U	5 U	0.5 U	0.5 U	5 U	5 U
Tetrachloroethene	5	5 U	0.19 J	5 U	0.49 J	0.3 J	5 U	0.31 J
Trichloroethene	5	0.66 J	5 U	5 U	3.7	1.4	2.2 J	5 U

Notes:
FD = Field Duplicate
D = Dilution
ug/L = Microgram per Liter
J = Estimated
U = Undetected

Table 4

Compounds Exceeding Remediation Goals
Souce Area 4 GMZ Monitoring Annual Report
Southeast Rockford Groundwater Contamination Superfund Site

Location		A4-MW032	A4-MW032	A4-MW032	A4-MW032	A4-MW032	A4-MW130A	A4-MW130A	A4-MW130A
Sample Type		N	N	N	N	N	N	N	N
Sample Date	RG	11/10/2009	2/10/2010	6/14/2010	10/6/2010	1/12/2011	11/11/2009	2/11/2010	6/15/2010
Chemical (µg/L)	(µg/L)								
1,1,1-Trichloroethane	200	22 D	17	11	16	14	**370 D**	**580 D**	**520 D**
1,1,2-Trichloroethane	5	0.5 U	0.5 U	0.5 U	5 U	5 U	0.51	0.94	1.6
1,1-Dichloroethene	7	5.1	1.6	2.6	5 U	3.7 J	**7.4**	**13**	**12 DJ**
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	**84 E**	0.5 U
Tetrachloroethene	5	0.7	0.67	0.47 J	0.7 J	0.75 J	0.88	0.99	0.78
Trichloroethene	5	**9.3**	**7.8**	**5.4**	**8**	**8.1**	3.6	3.7	2.5

Notes:
FD = Field Duplicate
D = Dilution
ug/L = Microgram per Liter
J = Estimated
U = Undetected

Table 4

Compounds Exceeding Remediation Goals
Souce Area 4 GMZ Monitoring Annual Report
Southeast Rockford Groundwater Contamination Superfund Site

Location		A4-MW130A	A4-MW130A	A4-MW130B	A4-MW130B	A4-MW130B	A4-MW130B	A4-MW130B	A4-MW130B
Sample Type		N	N	N	FD	N	N	N	N
Sample Date	RG	10/7/2010	1/13/2011	11/11/2009	11/11/2009	2/10/2010	6/15/2010	10/7/2010	1/13/2011
Chemical (µg/L)	(µg/L)								
1,1,1-Trichloroethane	200	**630 J**	**630**	110 D	82 D	**260 D**	110 D	110	60
1,1,2-Trichloroethane	5	1.8 J	1.1 J	0.18 J	0.16 J	0.55	0.27 J	5 U	5 U
1,1-Dichloroethene	7	**18**	**8.5**	3.8	4.4	6.1	3	5 U	2.5 J
Carbon tetrachloride	5	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U
Tetrachloroethene	5	1.1 J	0.72 J	0.57	0.63	0.52	0.36 J	0.53 J	0.4 J
Trichloroethene	5	4.9 J	4.1 J	3.6	4.1	3.1	1.9	3.2 J	3.1 J

Notes:
FD = Field Duplicate
D = Dilution
ug/L = Microgram per Liter
J = Estimated
U = Undetected

Table 4

Compounds Exceeding Remediation Goals
Souce Area 4 GMZ Monitoring Annual Report
Southeast Rockford Groundwater Contamination Superfund Site

Location		A4-MW401A	A4-MW401A	A4-MW401A	A4-MW401A	A4-MW401A	A4-MW401A	A4-MW401A-1	A4-MW401A
Sample Type		N	N	FD	N	FD	N	FD	N
Sample Date	RG	11/11/2009	2/11/2010	2/11/2010	10/6/2010	10/6/2010	6/14/2010	6/14/2010	1/12/2011
Chemical (µg/L)	(µg/L)								
1,1,1-Trichloroethane	200	320 D	8.7	8.9	9.9	9.9	5.9	5.9	9.6
1,1,2-Trichloroethane	5	0.55	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	5 U
1,1-Dichloroethene	7	11	1.5	0.5 U	5 U	5 U	1.1	1.3	5 U
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	5 U
Tetrachloroethene	5	0.81	0.22 J	0.23 J	5 U	5 U	0.27 J	0.25 J	5 U
Trichloroethene	5	6.3	2.3	2.3	3.1 J	3.1 J	2	1.8	5 U

Notes:
FD = Field Duplicate
D = Dilution
ug/L = Microgram per Liter
J = Estimated
U = Undetected

Table 4

Compounds Exceeding Remediation Goals
Souce Area 4 GMZ Monitoring Annual Report
Southeast Rockford Groundwater Contamination Superfund Site

Location		A4-MW401B	A4-MW401B	A4-MW401B	A4-MW401B	A4-MW401B	A4-MW401B	A4-MW401B
Sample Type		N	N	FD	N	N	N	FD
Sample Date	RG	11/11/2009	2/10/2010	2/10/2010	6/14/2010	10/6/2010	1/13/2011	1/13/2011
Chemical (µg/L)	(µg/L)							
1,1,1-Trichloroethane	200	15	12	10	6.1	10	9.2	8.8
1,1,2-Trichloroethane	5	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	5 U
1,1-Dichloroethene	7	0.5 U	2	0.5 U	1	5 U	1.7 J	1.9 J
Carbon tetrachloride	5	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	5 U
Tetrachloroethene	5	0.45 J	0.38 J	0.33 J	0.5 U	5 U	0.35 J	0.35 J
Trichloroethene	5	4.8	3.7	3.3	1.8	3.4 J	3.2 J	3.3 J

Notes:
FD = Field Duplicate
D = Dilution
ug/L = Microgram per Liter
J = Estimated
U = Undetected

Appendix A

Appendix A
Groundwater Sampling Sheets

CDM Smith

Appendix A – Groundwater Sampling Sheets

Baseline, November 2009

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 11/11/09 **WELL #:** MW22A

TIME: 0735 **DEPTH OF PUMP:** 33.5'

WEATHER CONDITIONS: Sunny, 40-50's **SAMPLERS:** M Forkel, R. Hong

Initial Depth to water = 23.73'

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
0745, 10	4700	23.78	470	0.05	6.04	1519	18.0	7.26	13.75	136.8
0750, 15	7050	23.76	470	0.03	6.67	1519	10.0	7.09	13.53	128.5
0755, 20	9400	23.76	470	0.03	6.79	1515	6.9	6.78	14.21	126.6
0800, 25	11750	23.76	470	0.03	6.84	1518	4.4	6.54	14.36	126.2
0805, 30	14,100	23.77	470	0.04	6.87	1523	2.7	6.40	14.30	126.0
0810, 35	16450	23.76	470	0.03	6.87	1527	2.2	6.27	14.42	124.6
0815, 40	18,800	23.76	470	0.03	6.88	1529	1.3	6.09	14.65	125.2
0820	Sample Time. [A4-MW022A-091111]									
Note: MS, MSD, were collected at this well. [A4-MW022A-091111]										

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Ave flowrate = 470 ml/min

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 11/11/09 **WELL #:** MW 22B

TIME: 0845 **DEPTH OF PUMP:** 41'

WEATHER CONDITIONS: Sunny, 40-50's **SAMPLERS:** M Forkel, R Hong

Initial Depth to water = 23.13'

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
0850, 5	2500	23.17	500 (2in)	0.04	6.86	1114	rusty color, very cloudy >1000	7.34	13.96	72.6
0855, 10	5,000	23.17	500	0.04	6.88	1123	some color, cloudy >1000	6.98	14.37	54.2
0900, 15	7,500	23.17	500	0.04	6.86	1122	some color, very cloudy >1000	6.79	14.30	50.6
0905, 20	10,000	23.17	500	0.04	6.88	1122	>1000	6.66	14.53	52.0
0910, 25	12,500	23.17	500	0.04	6.89	1123	850	6.01	14.65	53.4
0915, 30	15,000	23.17	500	0.04	6.90	1123	400	5.93	14.83	54.9
0920, 35	17,500	23.17	500	0.04	6.91	1124	>10	5.78	14.53	57.6
0925, 40	20,000	23.17	500	0.04	6.92	1124	100	5.31	14.63	59.9
0930, 45	22,500	23.17	500	0.04	6.93	1124	50	5.28 (2)	14.81	62.0
0935, 50	25,000	23.16	500	0.03	6.94	1125	28	*5.22	14.96	64.0
0940, 55	27,500	23.16	500	0.03	6.94	1124	26	5.14	15.12	64.6
0945, 60	30,000	23.16	500	0.03	6.94	1125	18	5.11	14.89	65.4

0950 Sample Time [A4-MW0223-091111]

Drawdown is not to exceed 0.3 of a foot. ~~Flow rate should not exceed 500 ml/min~~ during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Ave flow rate = 500 ml/min

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 11/10/09 WELL #: MW32

TIME: 1440 DEPTH OF PUMP: (RH) ~~42~~ 42'

WEATHER CONDITIONS: Sunny, 50's SAMPLERS: M Forkel, R Hong

Depth to water at time 0 = 26.59'

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	ORP REDOX POTENTIAL mV (+/- 10 mv)
1445, 5	2500	27.74	500 ml/min	1.15	6.46	1234	380	12.53	14.47	132.5
1450, 10	5,000	27.75	500 ml/min	1.16	6.63	1237	85	13.09	14.26	117.8
1455, 15	7500	27.75	500 ml/min	1.16	6.65	1228	37	13.43	14.20	117.0
1500, 20	10,000	27.75	500 ml/min	1.16	6.67	1230	32	13.78	14.11	116.0
1505, 25	12,500	27.75	500 ml/min	1.16	6.69	1234	19	14.33	14.13	113.7
1510, 30	15,000	27.75	500 ml/min	1.16	6.70	1235	14	14.43	13.99	111.0
1515, 35	17,500	27.75	500 ml/min	1.16	(4) 6.72	1236	8.3	14.85	14.21	111.3
1520, 40	20,000	27.75	500 ml/min	1.16	6.72	1236	5-6	15.68	14.16	110.4
1525, 45	22,500	27.75	500 ml/min	1.16	6.73	1233	3.1	15.87	14.23	110.7
Sample Time 1530				A4-MW032-091110						

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Ave Purging rate = 500 ml/min

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 11/11/09 WELL #: MW 130A

TIME: 1320 DEPTH OF PUMP: 33'

WEATHER CONDITIONS: Sunny, 50's. SAMPLERS: M Forkel, R Hong

Initial Depth to Water = 21.58'

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1330, 10	5,000	22.50	500	1.0	6.40	1127	60	3.80	15.07	>7.4
1335, 15	7,050	~~22.32~~	410	0.74	6.48	1132	45	4.14	15.65	31.7
1340, 20	(RH) 9,100	22.29	410	0.71	6.49	1135	25	4.33	15.36	31.9
1345, 25	11,150	22.18	410	0.50	6.52	1132	20	4.35	15.75	33.9
1350, 30	13,200	22.20	410	0.52	6.53	1155	18.6	4.40	15.78	30.9
1355, 35	15,250	22.20	410	0.52	6.53	1134	15.0	4.51	15.93	30.5
1400, 40	17,300	22.02	200	0.44	6.55	1136	14.7	4.66	15.82	31.7
1405, 45	19,350	21.97	200	0.39	6.55	1134	14.8	4.66	16.23	33.1
1410, 50	21,400	21.90 (RH)	>00	~~0.36~~ 0.32 (RH)	6.56	1134	13.4	4.61	16.01	34.2
1415	Sample	Time	~~1410~~ (RH)							
			A4- MW 130A- 09 1111							

Drawdown is not to exceed 0 3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Ave flowrate = ~~300~~ ml/min

200 ~~410~~ (RH)

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 11/11/09 **WELL #:** MW130B

TIME: 1205 **DEPTH OF PUMP:** 50'

WEATHER CONDITIONS: Sunny, 50's **SAMPLERS:** M Forkel, R Hong

Initial Depth to water = 21.19'

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1210, 5	2,300	21.22	460 ~~0.03~~	0.03	7.23	1110	140	11.90	13.20	84.2
1215, 10	4,600	21.22	460	0.03	7.10	1119	95	10.49	13.84	84.2
1220, 15	6,900	21.22	460	0.03	6.98	1138	85	9.98	14.29	89.2
1225, 20	9,200	21.22	460	0.03	6.92	1145	60	8.12	14.31	91.6
1230, 25	11,500	21.22	460	0.03	6.89	1147	45	7.19	14.33	93.3
1235, 30	13,800	21.22	460	0.03	6.89	1148	23	5.50	14.41	95.1
1240, 35	16,100	21.22	460	0.03	6.87	1147	14	7.28	14.34	98.0
1245, 40	18,400	21.22	460	0.03	6.87	1148	9.9	7.08	14.33	99.5
1250, 45	20,700	21.22	460	0.03	6.87	1148	6.8	7.31	14.35	102.1
1255, 50	23,000	21.22	460	0.03	6.88	1147	~~5.88~~ 5.70	7.50	14.50	102.7
1300 Sample Time			AU-MW130-09111							
Duplicate was collected at this well = AU-MW130B-09111-D										

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Ave flowrate = 460 ml/min

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 11/11/09 WELL #: MW401A

TIME: 1445 DEPTH OF PUMP: 33'

WEATHER CONDITIONS: SAMPLERS: M Forkel, R Hong

Initial Depth to Water = 23.45'

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1450, 5	2,500	23.47	500	0.02	6.61	1563	166	4.24	14.30	114.2
1455, 10	5,000	23.47	500	0.02	6.75	1571	76.7	4.20	15.09	102.4
1500, 15	7,500	23.47	500	0.02	6.77	1547	42.7	4.40	15.27	99.6
1505, 20	10,000	23.47	500	0.02	6.79	1526	24.9	4.46	15.69	97.1
1510, 25	12,500	23.47	500	0.02	6.80	1517	17	4.43	15.89	96.0
1515, 30	15,000	23.47	500	0.02	6.80	1511	13.	4.54	16.22	95.6
1520, 35	17,500	23.47	500	0.02	6.81	1518	6.58	4.65	16.16	96.8
1525	Sample Time			A4-MW401A-091111						

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Ave flow rate: 500 ml/min

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 11/11/09 **WELL #:** MW401B

TIME: 1030 **DEPTH OF PUMP:** 61'

WEATHER CONDITIONS: Sunny, 40-50's **SAMPLERS:** M Forkel, R. Hong

Initial ~~state~~ Depth to water = 23.61'

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1035, 5	>300	23.58	460	0.03	6.70	1122	75	12.09	13.74	95.6
1040, 10	4,600	23.58	460	0.03	6.84	1125	31	11.94	13.87	91.9
1045, 15	6,900	23.58	460	0.03	6.88	1127	20	12.22	13.99	89.9
1050, 20	9,200	23.58	460	0.03	6.89	1130	13	12.54	14.00	88.9
1055, 25	11,500	23.58	460	0.03	6.89	1122	11	12.54	14.43	88.8
1100, 30	13,800	23.58	460	0.03	6.89	1130	7.8	12.61	14.20	91.2
1105	Sample Time		A4-MW401B-091111							
1145	Field Blank		A4-FB01-091111							
	Trip Blank		A4-TB01-091111							

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Ave flow rate = 460 ml/min

REV 5/01

Appendix A – Groundwater Sampling Sheets

First Quarter, February 2010

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 02/11/10 WELL #: MW22A

TIME: 0900 DEPTH OF PUMP: 34'

WEATHER CONDITIONS: Sunny, 10-20's SAMPLERS: M Forkel

Initial water depth: 29.93'

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
0905, 5	2,500	>9.97	500	0.04	7.05	1.048	20.4	12.11	8.16	-36.1
0910, 10	5,000	>9.97	500	0.04	7.07	1.065	12.0	9.62	10.42	18.4
0915, 15	7,500	>9.97	500	0.04	7.08	1.053	9.07	8.90	10.63	40.4
0920, 20	10,000	>9.97	500	0.04	7.08	1.052	6.35	8.91	10.63	66.8
0925, 25	12,500	>9.97	500	0.04	7.08	1.053	4.17	8.64	10.86	60.5
0930, 30	15,000	>9.97	500	0.04	7.07	1.033	3.44	8.35	10.09	61.4
Sample Time = 0935				A4-MW022A-100211						
		MS/MSD =		A4-MW022A-100211						

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Average flowrate: 500 ml/min

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 2/10/10 **WELL #:** MW032

TIME: 1125 @ **DEPTH OF PUMP:** 41'

WEATHER CONDITIONS: Sunny, 20's **SAMPLERS:** M. Farkel, R Hong

Initial Depth to Water: 25.82'

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1130, 5 min	2,500	25.87	500	0.05	6.59	0.980	233	8.62	9.93	519.7
1135, 10	5,000	25.85	500	0.03	6.62	0.963	198	7.91	9.79	432.5
1140, 15	7,500	25.85	500	0.03	6.64	0.963	149	6.81	9.44	386.4
1145, 20	10,000	25.85	500	0.03	6.71	0.978	96.4	6.44	9.88	340.1
1150, 25	12,500	25.85	500	0.03	6.33	0.961	58.1	6.26	9.45	322.3
1155, 30	15,000	25.85	500	0.03	6.80	0.987	37.5	6.04	10.56	301.9
1200, 35	17,500	25.85	500	0.03	6.84	0.984	23.1	6.04	10.24	274.6
1205, 40	20,000	25.85	500	0.03	6.84	0.991	13.2	5.92	10.47	252.7
1210, 45	22,500	25.85	500	0.03	6.85	0.990	7.14	~~5.78~~ 5.76 @	10.33	231.4
1215, 50	25,000	25.85	500	0.03	6.84	0.987	5.11	5.72	10.33	224.3
1220, 55	27,500	25.85	500	0.03	6.84	0.985	5.10	5.72	10.13	213.8
1225, 60	30,000	25.85	500	0.03	6.84	0.983	4.18	5.72	10.16	204.9

Sample Time: 1230 A4 - MW032 - 00210

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Average = 500 ml/min

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 02/11/10 **WELL #:** MW130A

TIME: 1025 **DEPTH OF PUMP:** 34'

WEATHER CONDITIONS: Sunny, 10-20's **SAMPLERS:** M Forkel

Initial water Depth: 21.77'

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1030,5	2,000	22.50	400	0.73	7.09	0.941	55.1	5.50	11.17	-102.3
1035,10	2,500	22.17	250	0.4	7.06	0.948	~~55~~ 39.4 (MF)	4.57	11.52	-103.2
1040,15	3,750	22.10	250	0.33	7.08	0.962	39.2	4.51	11.94	-111.7
1045,20	5,000	22.10	250	0.33	7.05	0.958	28.4	3.65	11.80	-113.6
1050,25	6,250	22.11	250	0.34	7.02	0.986	~~37.6~~ 19.4 (MF)	3.26	12.75	-120.7
1055,30	7,500	22.10	250	0.33	7.01	0.982	18.1	3.20	12.74	-119.2
1100,35	8,750	22.10	250	0.33	7.00	0.977	16.5	3.21	12.53	-125.7
1105,40	10,000	22.10	250	0.33	7.01	0.965	20.1	3.48	12.28	-204.3
1110,45	11,250	22.1	250	0.33	7.02	0.971	15.0	3.55	12.62	-197.4
1115,50	12,500	22.1	250	0.33	7.01	0.979	14.5	3.51	12.89	-196.8
	Sample Time =			1120	AA-MW130A-100210					
				1125 FB	AA-FB02-100211					

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Average flowrate: 250 ml/min

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 02/10/10 WELL #: MW130B

TIME: 1450 DEPTH OF PUMP: 51'

WEATHER CONDITIONS: Sunny 20's SAMPLERS: M Torkel

Initial water depth: 21.34

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE mL/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1455.5	~~4000~~ 2000	21.37	400	0.03	7.07	0.924	98.6	8.03	10.27	82.3
1500.10	4000	21.37	400	0.03	7.10	0.964	66.6	5.84	12.10	102.0
1505.15	6,000	21.37	400	0.03	7.16	0.881	81.6	6.54	8.80	-53.8
1510.20	8,000	21.37	400	0.03	7.12	0.980	26.6	5.32	12.39	45.6
1515.25	10,000	21.37	400	0.03	7.12	0.986	11.4	5.21	12.38	24.1
1520.30	12,000	21.37	400	0.03	7.10	0.981	9.06	5.19	12.45	-0.4
1525.35	14,000	21.37	400	0.03	7.11	0.987	4.54	5.10	12.58	-0.8
1530.40	16,000	21.37	400	0.03	7.10	0.978	3.17	5.13	12.09	-8.4
~~DS~~ Sample Time = 1535				A4-MW130B-100210						
			1540	A4-~~MW~~TB01-100210						
			1585	A4-TB01-100210						

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Average flow rate: 400 ml/min

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 02/11/10 WELL #: MW401A

TIME: 1205 DEPTH OF PUMP: 34'

WEATHER CONDITIONS: Sunny, 10-20's SAMPLERS: M Tarkel

Initial Water Depth: 23.84'

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1210, 5	2,500	23.88	500	0.04	7.09	0.952	176	7.98	11.46	38.6
1215, 10	5,000	23.88	500	0.04	7.14	0.978	102.5	6.42	12.40	122.2
1220, 15	7,500	23.88	500	0.04	7.15	0.981	34.9	6.08	12.71	104.0
1225, 20	10,000	23.88	500	0.04	7.15	0.972	18.9	6.12	12.39	89.7
1230, 25	12,500	23.88	500	0.04	7.17	0.967	6.79	6.02	12.40	103.8
1235, 30	15,000	23.88	500	0.04	7.15	0.974	6.34	6.32	12.56	109.5
1240, 35	17,500	23.88	500	0.04	7.14	0.971	5.15	6.23	12.70	101.7
Sample Time:			1245		A4 - MW401A - 100211					
			1245	Duplicate.	A4 - MW401A - 100211-D					

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Average flowrate: 500 ml/min

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 2/10/10 WELL #: 401B

TIME: ~~1320~~ @1315 DEPTH OF PUMP: 62'

WEATHER CONDITIONS: Sunny SAMPLERS: M Tarkel

Initial Water Depth: 23.76'

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1320.5	3,000 ~~3,000~~ @1320	23.83	600	0.07	7.06	0.946	11.0	5.35	11.74	265.3
1325.10	~~5,255~~ 5,255	23.83	450	0.07	7.07	0.933	7.60	5.56	10.17	229.1
1330.15	7,510	23.83	450	0.07	7.05	0.960	2.68	5.31	11.30	216.5
1335.20	9,765	23.83	450	0.07	7.05	0.958	5.42	5.17	11.20	201.3
1340.25	12,020	23.83	450	0.07	7.05	0.950	5.09	5.24	10.77	198.6
1345.30	14,275	23.83	450	0.07	7.06	0.956	3.90	5.14	10.83	189.4
~~1350~~.35	16,530	23.83	450	0.07	7.05	0.948	3.76	5.21	10.31	
Sample Time			1355	A4-MW401B-100210						
				A4-MW401B-100210-D						

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Avg. flow rate = ~~400~~ 450 ml/gal

REV 5/01

Pressure Readings in logbook

11.6°C, 7668.8 Dg

1st Q 2010

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: [illegible]

WELL #: [illegible]

TIME: [illegible]

DEPTH OF PUMP:

WEATHER CONDITIONS: [illegible]

SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-89.3
[illegible]					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]			[illegible]		[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]					[illegible]	[illegible]	[illegible]	[illegible]	10.19	-9.7
[illegible]					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-79.9
[illegible]					[illegible]	[illegible]	[illegible]	[illegible]	10.33	[illegible]
[illegible]					7.02	[illegible]	2.62	[illegible]	10.47	-72.3
[illegible]					[illegible]	1.43	[illegible]	2.66	[illegible]	-73.2
[illegible]	[illegible] ~2 Gal				7.05	[illegible]	2.52	[illegible]	[illegible]	[illegible]
	A4-MLW01A-100210									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

11.5 °C, 7963.9 DS

1st Q 2010

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE:

WELL #: 2012

TIME: 2:13

DEPTH OF PUMP:

WEATHER CONDITIONS:

SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
12:13			330 mL/min		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-3[illegible]
[illegible]					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-8.5
12:23					[illegible]	[illegible]	[illegible]	[illegible]	10.35	12.6
12:28					6.96	1360	NA	6.74	10.30	30.7
12:33					6.97	1355	0.67	6.54	10.30	42.3
12:38					7.01	1358	NA	6.66	10.24	45.0
					6.97	1356	0.94	6.59	10.39	59.7
12:48					.[illegible]7	135[illegible]		[illegible].3[illegible]	[illegible].[illegible]5	55.4
12:52	[illegible]	~3.5gal			.05	[illegible]35	[illegible]59	[illegible].01	[illegible]	55.7
		A4- MLW01B-100210								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

11.4 °C, 8198.6 Dg

1st Q 2010

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE:

WELL #: pw43

TIME: 13:09

DEPTH OF PUMP:

WEATHER CONDITIONS:

SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
13:09			330 mL/Min		6.89	1147	0.21	8.62	4.79	-34.6
13:14					6.96	1397	0.17	6.94	10.67	-14.2
13:19					7.03	1357		6.75	10.72	17.7
13:24					7.04	1354	0.176	6.75	10.62	36.8
13:29					7.04	1357		6.56	10.67	52.2
1334					6.96	1351		6.44	11.01	70.7
1339					7.08	1354	0.48	6.57	10.69	62.5
13:44					7.03	1349		6.46	10.68	68.2
1349	Sample	~35gal			7.07	1349		6.46	10.64	66.0
		A4-	MLW01C-10040 MW1							

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

11.6 C, 8609.2 Dg   1st Q 2010

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: [illegible]   **WELL #:** [illegible] 4

TIME: [illegible]   **DEPTH OF PUMP:**

WEATHER CONDITIONS: **SAMPLERS:** [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
[illegible]			[illegible] /min		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]					[illegible]	1287	[illegible]	[illegible]	10.54	-10.6
[illegible]					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-23.9
[illegible]					7.05	1311	1.16	[illegible]	10.65	8.7
14:21					7.07	1310	[illegible]	6.69	10.49	27.3
1426					7.06	1305		6.58	10.55	54.0
1431					[illegible]	1303		6.68	10.54	53.4
1436	Sample ~2.5 gal				7.06	1303		6.58	10.51	60.3
		A4-MLW01D-100210								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

11.8°C, 8689.9 Dg

1st Q 2010

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 8/10/10 **WELL #:** MW-5

TIME: 14:43 **DEPTH OF PUMP:**

WEATHER CONDITIONS: **SAMPLERS:**

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
14:43			Start							
1453					6.7	1221	1.87	4.11	9.75	-126.9
1458					6.73	~~1230~~ 1226	1.67	2.17	10.36	-173.0
1503					6.81	1224	1.46	2.16	10.28	-157.4
1508					6.89	1224	1.89	2.01	10.36	-149.5
1513	Stop	~2gal			6.90	1222	1.11	1.86	10.37	-148.9
			A4-MW01E - 100210							

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Appendix A – Groundwater Sampling Sheets

Second Quarter, June 2010

DW = 23.71

Initial DW: 23.72

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 6/14/10 WELL #: MW 22A

TIME: 1435 DEPTH OF PUMP: 33.5'

WEATHER CONDITIONS: Cloudy SAMPLERS: Hong

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
5, 1440	2,500	23.77	500	~~0.05~~ 0.05	7.34	962	~~86~~ 83.6	3.24	14.76	-210.6
10, 1445	5,000	23.77	500	0.05	7.26	961	32.9	2.52	14.96	-146.7
15, 1450	7,500	23.77	500	0.05	7.26	969	16.1	2.35	14.92	-123.1
20, 1455	10,000	23.77	500	0.05	7.25	963	8.26	2.30	14.83	90.5
25, 1500	12,500	23.77	500	0.05	7.25	967	4.58	2.27	14.76	89.2
30, 1505	15,000	23.77	500	0.05	7.26	962	3.94	2.25	14.69	88.4
Sample Time = 1510				AA-MW22A-100614						

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

500 ml/gal

REV 5/01

DW = 23.11
Initial DW: 23.12

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 6/14/10 WELL #: MW 22B

TIME: ~~1375~~ 1330 (RH) DEPTH OF PUMP: 41'

WEATHER CONDITIONS: Rain SAMPLERS: ~~Hoang~~

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
5, 1335	~~2500~~	23.18	500	0.06	7.26	1008	1191	3.26	13.98	-213.6
10, 1340	5,000	23.18	500	0.06	7.26	1013	749	2.98	14.18	-175.4
15, 1345	7,500	23.18	500	0.06	7.29	1017	310	2.90	14.30	-118.6
20, 1350	10,000	23.18	500	0.06	7.28	1018	126	3.01	14.30	-88.3
25, 1355	12,500	23.18	500	0.06	7.30	1019	41.8	3.24	14.28	-172.3
30, 1400	15,000	23.18	500	0.06	7.29	1018	17.4	3.31	14.27	-171.3
35, 1405	17,500	23.18	500	0.06	7.29	1012	8.71	3.61	14.02	-156.0
40, 1410	20,000	23.18	500	0.06	7.29	1012	6.38	3.66	13.98	-158.4
45, 1415	22,500	23.18	500	0.06	7.29	1011	5.66	3.69	14.01	-152.8
1420	Sample Time			A4-MW022B-100614						
				MS/MSD A4-MW022-100614						

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

500 ml/gal TB~~01~~ 1430 TB A4-TB01 100614

~~A4-MW02~~

REV 5/01

DW = 25.66'

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 6/14/10 **WELL #:** MW32

TIME: 0850 **DEPTH OF PUMP:** 40'

WEATHER CONDITIONS: Rain **SAMPLERS:** Hong

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
5/0855	2500	25.67	500	0.01	7.13	1146	~~7.41~~ (RH) >0.8	7.41	14.50	85.7
10/0900	5,000	(RH) ~~25.7~~ 25.70	500	0.04	7.16	1149	31.4	7.36	14.51	77.3
15, 0905	7,500	(RH) ~~25.~~ 25.70	500	0.04	7.15	1131	25.9	7.39	14.09	77.4
20, 0910	10,000	25.70	500	0.04	7.17	1134	29.0	7.43	14.11	56.6
25, 0915	12,500	25.70	500	0.04	7.18	1138	16.8	7.21	14.25	64.9
30, 0920	15,000	25.70	500	0.04	7.18	1138	9.82	7.58	14.19	72.6
35, 0925	17,500	25.70	500	0.04	[illegible]	1132	[illegible]	7.52	14.07	72.9
40, 0930		25.70	500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0935	Sample Time			A4-MW32-100614						

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

500 ml/min

REV 5/01

DW = 21.60

Initial DW = 21.61

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 6/15/10 **WELL #:** MW 130A

TIME: 0935 **DEPTH OF PUMP:** 33'

WEATHER CONDITIONS: Cloudy 60's **SAMPLERS:** Hong

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
5, 0940	1,250	22.10	250	0.49	7.00	1070	>10	3.12	14.46	-20.6
10, 0945	2,250	22.05	200	0.44	7.13	1108	139	3.02	15.26	-18.1
15, 0950	3,250	22.02	200	0.41	~~7.13~~ 7.13	1114	111	3.12	15.14	-121.3
20, 0955	4,250	22.02	200	0.41	7.21	1117	84.7	3.23	15.60	-176.7
25, 1000	5,250	22.02	200	0.41	7.21	1121	68.1	3.39	15.67	-174.3
30, 1005	6,250	22.02	200	0.41	7.22	1123	56.2	3.45	15.70	-188.4
35, 1010	7,250	22.02	200	0.41	7.22	1127	49.8	3.24	15.89	-175.9
40, 1015	8,250	22.02	200	0.41	7.21	1131	43.5	3.38	16.01	-193.2
45, 1020	9,250	22.02	200	0.41	7.22	1131	34.6	3.58 ~~83~~	16.01	-200.7
50, 1025	10,250	22.02	200	0.41	7.17	1132	33.0	3.45	16.01	-234.0
55 1030	11,250	22.02	200	0.41	7.17	1137	30.6	3.42	16.27	-224.7
60 1035	12,250	22.02	200	0.41	7.18	1147	24.2	3.34	16.65	-243.6
65 1040	13,250	22.02	200	0.41	7.18	1151	29.3	3.50	16.29	-232.5

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

~~250~~ ml/min
200

Sample Time 1045

A4-MW130A-100615

REV 5/01

DW : 21.11'
Initial DW: 21.12'

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 6/15/10 WELL #: MW 130B

TIME: 0815 DEPTH OF PUMP: 50'

WEATHER CONDITIONS: Cloudy 60's SAMPLERS: Hong

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
5, 0820	2,500	21.16	500	0.04	7.35	1033	163	5.85	13.77	66.1
10, 0825	5,000	21.16	500	0.04	7.31	1053	74.2	4.73	14.17	68.7
15, 0830	7,500	21.16	500	0.04	7.32	1055	65.3	4.43	14.18	57.1
20, 0835	10,000	21.16	500	0.04	7.31	1055	44.9	4.34	14.26	74.4
25, 0840	12,500	21.16	500	0.04	7.31	1053	34.3	4.31	14.21	73.2
30, 0845	15,000	21.16	500	0.04	7.30	1054	16.7	4.31	14.20	76.6
35, 0850	17,500	21.16	500	0.04	7.30	1055	7.47	4.25	14.30	79.9
40, 0855	20,000	21.16	500	0.04	7.30	1057	6.26	4.15	14.36	77.9
0900	Sample Time				A4-MW130B-100615					
					A4-MW130B-100615-D					

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

500 ml/min 0910 A4-FB02-100615

REV 5/01

DW = 23.58
Initial DW: 23.59'

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 6/14/10 WELL #: MW 401A

TIME: 1155 DEPTH OF PUMP: 33'

WEATHER CONDITIONS: Rain SAMPLERS: Hoy

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
5, 1200	~~450~~ 2250	23.62	450	0.03	7.31	1073	845	6.17	14.62	65.1
10, 1205	4,500	23.62	450	0.03	7.30	1066	285	5.97	14.36	68.9
15, 1205	6,750	23.62	450	0.03	7.29	1063	87.0	4.97	14.35	72.8
20, 1210	9,000	23.62	450	0.03	7.29	1060	29.5	4.74	14.21	-39.5
25, 1215	11,250	23.62	450	0.03	7.28	1052	12.0	4.58	14.16	78.6
30, 1220	13,500	23.62	450	0.03	7.28	1051	6.42	4.55	14.18	79.8
35, 1225	16,950	23.62	450	0.03	7.27	1049	4.83	4.42	14.23	80.2
1230 Sample Time				A4- MW 401A- 100614						
		1230 - (RM)		A4- MW 401A- 100614-D						
		1240 -		A4- FB 01- 100614						

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

flowrate 450 ml / min

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

DW = ~~23.56~~ 23.54 (R1)

SITE NAME: Southeast Rockford, Area 4

Initial DW: 23.56'

DATE: 6/14/10 WELL #: MW401B

TIME: 1020 DEPTH OF PUMP: 611

WEATHER CONDITIONS: Rain SAMPLERS: Hong

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
5, 1025	2,500	23.71	500	0.15	7.33	878	513	6.73	13.66	111.6
10, 1030	5,000	23.71	500	0.15	7.25	1040	138	7.37	14.25	80.3
15, 1035	7,500	23.71	500	0.15	7.25	1062	49.2	7.47	14.37	-63.5
20, 1040	10,000	23.71	500	0.15	7.28	1043	38.2	7.27	14.36	-128.9
25, 1045	12,500	23.71	500	0.15	7.27	1065	27.0	7.11	14.49	-137
30, 1050	15,000	23.71	500	0.15	7.32	1050	13.9	7.11	1453	-134.4
35, 1055	17,500	23.71	500	0.15	7.28	1058	10.51	7.03	14.45	1.2
40, 1100	20,000	23.71	500	0.15	7.27	1067	8.25	6.89	14.44	36.5
45, 1105	22,500	23.71	500	0.15	7.28	1070	5.02	6.86	14.57	-10.7
50, 1110	25,000	23.71	500	0.15	7.25	1073	4.33	6.98	14.68	14.2
Sample Time 1115 MW										
				TAL + MW 401B - 100614						

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

500 ml/min

REV 5/01

2nd Q 2010

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 6/14/10 **WELL #:** 01 Port 1

TIME: 10.12 **DEPTH OF PUMP:**

WEATHER CONDITIONS: Rain/Light, low 70s **SAMPLERS:** C. DEWITZ

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1015			225mL/min	NA	-3.13	0.896	NA	4.09	14.38	538J
1025					-3.67	0.883		2.80	14.28	561.0
1030					recalibrating				NA	
1035					no calibration success					
1105		Collect sample ~2.5gal								
						A4-MLW01A-100614				

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

2nd Q2010

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 6/14/10 **WELL #:** MW 01 Part 3

TIME: 12:02 Start **DEPTH OF PUMP:**

WEATHER CONDITIONS: **SAMPLERS:** CDENTZ

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1210			375ml/min		13.09	1.013	1.82	6.42	13.40	25.
1215					~~13.09~~ ~~13.37~~	1.010	~~1.04~~ 1.15 CO	6.41	~~13.44~~ 7.07	40.6
1220					~~13.32~~ 13.30	1.012	0.13	6.25	~~7.10~~ 13.32	63.0
1225				708	~~13.23~~ 13.48	1.008	0.27	6.29	13.21	76.9
1230					7.08	1.007	0.11	6.18	13.25	81.6
1235					7.10	1.007	0.11	5.99	13.24	85.2
1245					7.09	1.010	0.10	5.94	13.34	93.8
1250					Pumps shut off					
		~4gal purged								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

2nd Q2010

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 6/... **WELL #:** MW01 ...

TIME: 12:25 **DEPTH OF PUMP:**

WEATHER CONDITIONS: Overcast 70's **SAMPLERS:** C...

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
12:30			350ml/min		7.38	1,401	1.62	3.61	13.69	59.8
1235					7.29	1390	2.23	3.39	13.49	74.2
1240	Collect Sample									
	purge 1 additional gallon									
	Continued purge from 6/14/10									
						A4-MLW01C-100615				

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

2nd Q 2010

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 6/15/10 **WELL #:** MW01 Part 4

TIME: 1250 **DEPTH OF PUMP:**

WEATHER CONDITIONS: **SAMPLERS:**

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1255			300 ml/min		7.41	1.393	2.69	3.53	14.68	-62.0
1300					7.34	1.399	2.16	3.69	13.59	-2.3
1305					7.33	1.394	1.11	3.72	13.38	38.7
1310					7.32	13.91	2.01	3.75	13.42	56.8
1315					7.28	1.390	1.09	3.84	13.29	68.9
1320					7.29	1.388	2.41	3.93	1318	72.7
1325		~2.5gal			7.27	1.384	2.14	3.83	1337	79.5
					A4-MW01D-100615					

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Run on QED micro purge control & powerpack @ 3 discharge 5 refill at 30psi

REV 5/01

2nd Q 2010

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 6/15/10 **WELL #:** MW01 Part 3

TIME: 13:35 **DEPTH OF PUMP:**

WEATHER CONDITIONS: light showers, overcast 70s **SAMPLERS:** C. DeMuz

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1340			300 ml/min		7.28	1,329	1.60	2.90	14.25	-93.5
1345					7.22	1,306	2.91	1.37	14.77	-117.7
1350					7.26	1,307	3.10	1.06	14.82	-115.0
1355					7.30	1,310	2.10	0.96	14.83	-126.4
1400		Collect Sample ~3gal purged								

A4-MCW01E-100615

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Appendix A – Groundwater Sampling Sheets

Third Quarter, October 2010

A4-MW22A-10071

Sample Time: 0910

duplicate

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 10/7/10

WELL #: MW22A

TIME: 0820

DEPTH OF PUMP: 41'

WEATHER CONDITIONS: Sunny 50's

SAMPLERS: Rebecca Haugs Helen Kisinme L. Haase

Initial DW: 23.10'

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
0825		23.11	350	0.01	7.05	1.502	11.9	9.51	12.93	91.0
0830		23.11	350	0.01	7.05	1.614	57.5	9.02	14.44	85.8
0835		23.11	350	0.01	7.05	1.589	38.6	9.05	14.39	91.6
0840		23.11	350	0.01	7.03	1.594	23.9	8.86	14.30	97.3
0845		23.11	350	0.01	7.02	1.603	15.3	8.88	14.34	101.1
0850		23.13	350	0.03	7.02	1.608	14.9	9.28	14.38	104.7
0855		23.13	350	0.03	7.01	1.625	11.9	9.30	14.45	100.1
0900		23.13	350	0.03	7.01	1.616	8.52	8.64	14.28	102.2
0905		23.13	350	0.03	7.01	1.613	8.44	8.82	14.50	107.4
0910	Sample Time									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

A4-MW022B-101006
Sample Time: 1615

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 10/6/10 WELL #: MW22B

TIME: 1455 DEPTH OF PUMP: ~~20~~ 33'

WEATHER CONDITIONS: SAMPLERS:

DW. 22.47

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1500		22.55	350	0.08	6.85	1.207	1200	4.42	14.90	43.2
1505		22.48	~~0~~350	0.01	7.06	1.226	688	6.74	14.33	50.2
1510		22.48	350	0.01	7.08	1.223	675	6.50	15.22	51.9
1515		22.48	350	0.01	7.06	1.223	595	6.17	15.50	55.3
1520		22.48	350	0.01	7.05	1.224	509	6.12	15.72	55.3
1525		22.48	350	0.01	7.06	1.227	311	6.26	15.65	54.0
1530		22.48	350	0.01	7.07	1.230	219	6.08	15.50	53.8
1535		22.48	350	0.01	7.09	1.233	132	6.24	15.68	53.5
1540		22.48	350	0.01	7.10	1.233	89.8	6.13	15.85	52.6
1545		22.48	350	0.01	7.10	1.234	66.0	6.08	15.87	53.4
1550		22.48	350	0.01	7.11	1.234	57.4	6.42	15.67	51.1
1555		22.48	350	0.01	7.11	1.229	59.7	6.65	15.88	49.3

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

1600	22.48	350	0.01	7.10	1.228	24.4	6.51	15.82	49.9
1605	22.48	350	0.01	7.11	1.226	19.8	6.16	15.81	50.2 (5/0)
1610	22.48	350	0.01	7.10	1.224	18.7	6.43	15.85	50.1

A4-MW32-101006
Sample time: 10:22

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 06 Oct 10 **WELL #:** MW32

TIME: 9:37 **DEPTH OF PUMP:** 40' -

WEATHER CONDITIONS: clear - ±40°F **SAMPLERS:** Rebecca Hauge Helen Kimmel L. Hazk

initial DTW - 25.00'

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
9:37		25.04	350	0.04	7.10	1.346	803	6.48	13.29	87.7
9:42		24.95	350	(+)0.05	7.08	1.368	649	5.98	13.73	66.7
9:47		25.02	350	0.02	7.06	1.361	203	5.42	13.83	63.6
9:52		25.02	350	0.02	7.05	1.375	144	5.66	14.40	69.1
9:57		25.02	350	0.02	7.04	1.379	63.0	5.30	14.69	73.2
10:02		25.02	350	0.02	7.02	1.378	18.7	5.41	14.95	75.3
10:07		25.02	350	0.02	7.02	1.377	13.2	5.46	15.03	75.9
10:12		25.02	350	0.02	7.02	1.376	10.9	5.47	15.14	79.9
10:17		25.02	350	0.02	7.02	1.376	6.78	5.36	15.39	79.7
10:22	→ sample									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

2

A4-MW130A-101007
sampletime: 1250

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 10/7/10 WELL #: MW130A

TIME: 11:26 DEPTH OF PUMP: 33'

WEATHER CONDITIONS: Sunny 60's SAMPLERS: Rebecca Haug & Helen Kimmel & Haase

DW = 21.41

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1131		21.55	300	0.14	6.71	1.256	418	2.08	14.8	-16.4
11:35		21.65	300	0.24	6.98	1.271	208	2.58	15.43	-19.2
11:40		21.67	300	0.26	6.98	1.287	152	2.70	15.47	-14.1
11:45		21.67	300	0.26	7.02	1.287	122	2.95	15.44	-11.3
11:50		21.61	300	0.20	7.04	1.286	94.1	3.15	15.58	-5.3
11:55		21.60	300	0.19	7.03	1.288	85.4	3.16	15.65	-4.2
12:00		21.54	300	0.15	7.04	1.287	61.4	3.29	15.75	-0.7
1205		21.52	300	0.13	7.05	1.286	52.4	3.33	15.95	-2.1
1215		21.68	300	0.27	7.03	1.286	38.3	3.47	15.66	-2.6
1220		21.66	300	0.25	7.05	1.287	25.8	3.59	15.71	9.0
1225		21.66	300	0.25	7.05	1.286	21.1	3.64	15.68	17.1
12:30		21.65	300	0.24	7.07	1.286	18.9	3.88	15.81	15.9
12:35		21.65	300	0.24	7.09	1.287	14.7	3.88	15.78	14.0

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

12:40		21.65	300	0.24	7.10	1.290	11.9	3.80	15.98	17.5
12:45		21.65	300	0.24	7.10	1.290	9.98	3.92	16.03	17.5

REVISED

1250 Sample Time

A4-MW130B-101007

Sample Time = 11:10

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 07Oct10 WELL #: MW 130B

TIME: 9.40 DEPTH OF PUMP: 50'

WEATHER CONDITIONS: clear ± 50°F SAMPLERS: Rebecca Haug & Helen Kimmel L. Hasse

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
9:45		22.52	450	0	7.09	1.253	239	6.78	13.48	123.3
9:50		22.58	450	0.06	7.14	1.259	135	6.36	14.33	106.8
9:55		22.56	450	0.04	7.16	1.263	121	6.50	14.53	102.5
10:00		22.56	450	0.04	7.15	1.263	128	6.33	14.68	104.9
10:05		22.56	450	0.04	7.15	1.263	118	6.48	14.87	103.0
10:10		22.56	450	0.04	7.14	1.264	92.5	6.37	14.92	103.9
10:15		22.56	450	0.04	7.16	1.264	76.9	6.01	15.15	102.7
10:20		22.56	450	0.04	7.17	1.264	56.4	6.01	15.19	98.9
10:25		22.56	450	0.04	7.17	1.264	47.6	5.91	15.40	99.7
10:30		22.56	450	0.04	7.17	1.264	37.4	5.86	15.50	100.5
1035		22.56	450	0.04	7.17	1.266	31.7	5.79	15.59	100.9
1040		22.56	450	0.04	7.17	1.263	23.3	5.65	15.91	99.0

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

1045	22.56	450	0.04	7.17	1.264	18.8	5.71	16.00	100.8
1050	22.56	450	0.04	7.19	1.265	17.7	5.72	16.26	99.5
1055	22.56	450	0.04	7.17	1.266	14.8	5.75	16.34	100.1
11:00	22.56	450	0.04	7.16	1.265	10.91	5.70	16.57	99.9

(*) (*) See back of page

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 10/6/10 WELL #: MW401A

TIME: 1215 DEPTH OF PUMP: 33'

WEATHER CONDITIONS: Sunny. 50's SAMPLERS: Rebecca Haug & Helen Kümmel L. Haase

Initial DTW = 22.91'

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1220		22.92	250	0.01	7.09	1.253	673	6.24	15.38	118.9
1225		22.92	250	0.01	7.10	1.256	539	5.88	15.98	118.6
1230		22.92	250	0.01	7.10	1.251	464	5.61	15.94	116.0
1235		22.92	250	0.01	7.11	1.249	339	5.79	16.12	113.9
12:40		22.92	250	0.01	7.10	1.250	207	5.67	15.98	116.6
12:45		22.92	250	0.01	7.10	1.247	129	5.85	15.95	117.4
12:50		22.92	250	0.01	7.10	1.245	84.9	5.82	15.91	116.7
12:55		22.92	250	0.01	7.10	1.244	67.8	5.80	15.89	116.2
13:00		22.92	250	0.01	7.10	1.241	54.4	5.82	16.17	115.2
13:05		22.92	250	0.01	7.10	1.230	36.2	5.72	16.31	115.8
13:10		22.92	250	0.01	7.10	1.237	32.2	5.53	16.54	115.7
13:15		22.92	250	0.01	7.10	1.234	19.6	5.45	17.07	115.9
13:20		22.92	250	0.01	7.10	1.236	20.4	5.46	17.50	115.8

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

13:25		22.92	250	0.01	7.10	1.245		5.52	18.07	115.6
13:30		22.92	250	0.01	7.10	1.246	27.5	5.14	18.17	115.3

REV 3/01

PUMP MALFUNCTION - SHUT DOWN restart @ 13:47.

pump malfunction - restart purging

A4-MW401A-101006
sample time - 14:22
duplicate sample
A4-MW401A-101006D

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 06 Oct 10 WELL #: MW401A

TIME: 13:47 DEPTH OF PUMP: 33'

WEATHER CONDITIONS: clear & 55°F SAMPLERS: Rebecca Haug & Helen Kimmel L. Heaske

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
13:47		22.92	350	0.01	7.12	1.249	216	6.74	18.47	112.1
13:52		22.92	350	0.01	7.09	1.238	112	5.87	17.15	105.7
13:57		22.92	350	0.01	7.09	1.233	81.3	6.30	16.73	104.2
14:02		22.92	350	0.01	7.09	1.232	68.7	6.03	16.70	102.9
14:07		22.92	350	0.01	7.09	1.229	36.8	6.14	16.34	102.8
14:12		22.92	350	0.01	7.10	1.229	25.1	5.86	16.49	103.4
14:17		22.92	350	0.01	7.10	1.228	15.6	5.76	16.92	101.1
14:22		→ Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

✓ A4-MW401B-101006
Sampletime: 1155
trip blank: 11:15
(X) MS/MSD

DATE: 10/6/10 WELL #: MW401B

TIME: 1050 DEPTH OF PUMP: 41'

WEATHER CONDITIONS: Sunny - ±50°F SAMPLERS: Rebecca Hough & Helen Kümmel C. Haase

Initial DW: 22.89'

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
10:50		22.91	250	0.02	7.19	1.190	135	5.08	14.92	109.5
10:55		22.94	250	0.05	7.15	1.223	287	5.28	15.09	101.9
11:00		22.92	250	0.03	7.13	1.234	392	5.22	14.96	99.4
11:05		22.92	250	0.03	7.14	1.245	216	5.18	15.52	95.8
11:10		22.92	250	0.03	7.13	1.251	112	5.51	15.26	94.3
11:15		22.92	250	0.03	7.12	1.255	64.1	5.50	15.02	96.3
11:20		22.92	250	0.03	7.11	1.254	47.7	5.29	14.87	97.1
11:25		22.92	250	0.03	7.11	1.256	32.0	5.29	14.99	101.7
11:30		22.92	250	0.03	7.11	1.255	24.6	5.59	15.04	103.7
11:35		22.92	250	0.03	7.11	1.255	21.9	5.56	14.98	103.4
11:40		22.92	250	0.03	7.11	1.252	14.9	5.45	15.20	105.7
11:45		22.92	250	0.03	7.11	1.255	12.7	5.51	15.27	104.6

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

11:50 22.92 250 0.03 7.11 1.253 8.91 5.42 15.23 105.6

REV 5/01

11:55 Sample Time.

Pos Reading
7646.7 Dg 11.5 deg C

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 10/2 **WELL #:** MW01 part 2

TIME: 13:12 **DEPTH OF PUMP:**

WEATHER CONDITIONS: **SAMPLERS:** CBenta

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
13:16	500		225 ml/min		6.63	0.997	1.14	4.65	16.92	10.2
1322					7.03	1.157	0.95	1.64	15.24	32.4
1326					7.20	1.152	1.147	1.09	14.56	43.0
1331					9.22	1.156	1.03	1.09	14.28	65.1
1336					7.24	1.156	1.06	1.24	14.04	96.2
1341					7.23	1.159	1.35	1.27	13.91	76.4
1346					7.23	1.160	1.17	1.37	13.91	105.6
1351					7.23	1.160	1.35	1.38	13.89	104.6
Sampled 1356	~2gal total				7.25	1.160	1.06	1.39	13.93	105.1

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

Pos Reading 7941.9 Dg 11.5 deg C

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 10/7 **WELL #:** MW01 Port 2

TIME: 1400 **DEPTH OF PUMP:**

WEATHER CONDITIONS: **SAMPLERS:** CBenth

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1404		7			7.17	1.313	2.11	6.97	14.19	84.1
1409					7.14	1.303	1.41	4.54	14.06	73.6
1414					7.21	1.299	0.69	4.37	13.82	119.4
1419					7.23	1.297	0.35	4.60	13.66	148.8
1424					7.23	1.296	0.20	4.79	13.70	170.0
1429					7.23	1.295	0.50	4.80	13.68	179.3
Sample 1434	2.5gal				7.21	1.295	0.55	4.75	13.64	177.7

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

~~All lowered setting to 135 drive~~ usual = 50psi, 155drive, 10s vent

SET lowered setting to 135 drive

REV 5/01

PDS Readings
8175.8 Dg 11.4 deg C

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 10/7/10 **WELL #:** MW 01 Part 3

TIME: 14:41 **DEPTH OF PUMP:**

WEATHER CONDITIONS: Clear, sunny 70's **SAMPLERS:** Chester

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1444	400ml				7.07	1.333	0.35	5.35	14.13	81.8
1450					7.22	1301	0.47	5.25	13.40	159.0
1455	~1gal				7.21	1.301	0.55	5.25	13.27	139.9
1500					7.24	1.299	0.34	5.18	13.25	187.2
1505					7.23	1.300	0.41	5.14	13.29	159.6
1510					7.23	1.299	0.40	5.15	1323	184.2
1515					7.21	1.300	0.35	5.00	13.23	187.5
1520	4.5gal				7.23	1.299	0.44	4.96	13.30	167.7

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Adjusted water to 40 psi, 9.4S (D), 6.5S Vent
(100S)

REV 5/01

Pos Reading 8582.2 Dg 11.4 deg C

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE:

WELL #: MW 01 Part 4

TIME: 1529

DEPTH OF PUMP:

WEATHER CONDITIONS:

SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1531	800ml				7.09	1.336	0.35	6.16	14.11	186.4
1535					7.21	1.327	0.41	5.37	13.44	154.6
1540					7.23	1.323	0.29	5.32	13.33	180.6
1545					7.23	1.321		5.35	13.23	172.0
sample 1550					7.22	1.321		5.32	13.18	169.3
	2.5gal purged									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

Pos Reading
8665.8 Dg

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 10/7

TIME: 613

WELL #: MW 01 Pert. 5

DEPTH OF PUMP:

WEATHER CONDITIONS:

SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1614					7.40	1.264	2.82	9.27	14.81	105.4
1620					6.92	1.287	1.49	0.45	13.64	-58.0
1625					6.98	1.285	1.16	0.40	13.61	-61.1
1630					7.13	1.278	0.98	0.37	13.68	-56.1
→ 1635		~2gal purged			7.16	1.280	0.77	0.31	13.63	-56.1

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

Appendix A – Groundwater Sampling Sheets

Fourth Quarter, January 2011

DTW - 24.31

1030
1230

A4-FB002-110113
A4-FTB001-110113

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 1/13/11 WELL #: MW022A

TIME: 1035 DEPTH OF PUMP:

WEATHER CONDITIONS: Sunny, 20's SAMPLERS: Furbee, Hong

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1040, 5		24.35	400	0.04	7.02	1.395	156	9.77	11.12	-7.6
1045, 10		24.35	400	0.04	7.02	1.352	134	9.48	12.89	5.7
1050, 15		24.35	400	0.04	7.02	1.367	88.9	9.43	12.96	15.0
1055, 20		24.35	400	0.04	7.01	1.384	41.6	9.26	12.49	15.6
1100, 25		24.35	400	0.04	7.00	1.383	29.8	9.28	12.76	17.0
1105, 30		24.35	400	0.04	7.00	1.387	19.0	9.35	12.81	17.2
1110, 35		24.35	400	0.04	6.98	1.379	13.1	9.29	12.83	18.2
1115, 40		24.35	400	0.04	6.98	1.385	12.2	9.24	12.53	15.4
1120 145		24.35	400	0.04	6.98	1.381	11.4	9.35	12.54	14.3
1125		Sample		A4-MW022A-110113						

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

DTW: 23.71

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 1/13/11 0850 WELL #: MW22B

TIME: DEPTH OF PUMP:

WEATHER CONDITIONS: Sunny, 20's SAMPLERS: Farkel, Hong

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
0855,5		23.77	250	0.06	7.20	1.048	>1000	5.00	9.59	-14.8
0900,10		23.72	250	0.01	7.02	1.228	>1000	7.10	11.31	-36.9
0905,15		23.72	250	0.01	7.01	1.267	>1000	7.44	11.86	-32.5
0910,20		23.72	250	0.01	7.00	1.271	1100	7.44	11.96	-31.5
0915,25		23.72	250	0.01	7.00	1.273	600	7.53	12.17	-32.9
0920,30		23.72	250	0.01	7.00	1.274	400	7.42	12.08	-34.9
0925,35		23.72	250	0.01	7.02	1.271	210	7.42	12.08	-39.5
0930,40		23.72	250	0.01	7.02	1.270	165	7.40	11.99	-40.9
0935,45		23.72	250	0.01	7.02	1.267	111	7.28	12.09	-40.9
0940,50		23.72	250	0.01	7.02	1.267	76.7	7.27	12.20	-40.8
0945,55		23.72	250	0.01	7.03	1.272	65.3	7.32	12.03	-41.1
0950,60		23.72	250	0.01	7.02	1.266	41.5	7.32	12.20	-37.7
0955		23.72	250	0.01	7.00	1.267	37.2	7.21	12.17	-34.5
1000		23.72	250	0.01	7.11	1.270	30.2	7.10	12.11	-34.8

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

1005

1010 Sample A4-MW022B-110113 & MS/MSD

REV 5/01

DTW = 26.30

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 1/12/11 0925 WELL #: MW32

TIME: DEPTH OF PUMP: 40'

WEATHER CONDITIONS: Sunny, 20's SAMPLERS: M.Forkel, R.Hong

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE ml/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
0930, 5	1,000	26.33	200	0.03	6.92	1.307	130	8.99	11.68	>82
0935, 10	2,000	26.31	200	0.01	6.97	1.318	65	8.93	12.12	>84
0940, 15	3,000	26.31	200	0.01	6.99	1.321	30	8.54	12.11	>84.3
0945, 20	4,000	26.31	200	0.01	7.01	1.323	15	8.53	12.38	>83.9
0950, 25	5,000	26.31	200	0.01	7.01	1.323	14	8.40	12.57	>84.2
0955 130	6,000	26.31	200	0.01	6.93	1.325	13	8.26	13.14	>83.7
1000 135	7,000	26.31	200	0.01	6.94	1.327	10.31	8.19	13.08	>82.9
1005, 40	8,000	26.31	200	0.01	6.95	1.324	6.42	8.20	12.96	>82.7
1010, 45	9,000	26.31	200	0.01	6.97	1.329	5.89	8.16	12.61	>82.1
1015 Sample Time				14 - MW032 - 110112						

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

DTW: 22.23

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 1/13/11 WELL #: MW130A

TIME: 1305 DEPTH OF PUMP:

WEATHER CONDITIONS: SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE mL/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1310, 5	1000	22.~~46~~	200	~~22.53~~ 0.23	6.84	1.261	~~2418~~ 450	2.48	12.62	-90.8
1315, 10	2000	22.46	200	0.23	6.86	1.279	340	2.97	13.19	-84.4
1325, 20	4000	22.46	200	0.23	6.86	1.282	290	3.13	13.52	-82.7
1330, 25	5000	22.45	200	0.22	6.87	1.289	230	3.19	13.43	-76.9
1335, 30	6000	22.45	200	0.22	6.88	1.286	170	3.31	13.63	-75.0
1340, 35	7000	22.45	200	0.22	6.88	1.289	130	3.12	13.67	-74.6
1345, 40	8000	22.45	200	0.22	6.88	1.290	110	3.23	13.60	-68.7
1350, 45	9000	22.45	200	0.22	6.88	1.290	90	3.38	13.81	-63.5
1355, 50	10,000	22.45	200	0.22	6.88	1.271	55	3.39	14.10	-63.9
1400, 55	11,000	22.45	200	0.22	6.86	1.276	50	3.36	14.09	-64.6
1405, 60	12,000	22.45	200	0.22	6.89	1.284	50	3.57	14.03	-59.0
1410	Sample Time									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

DTW=21.76

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 1/13/11 WELL #: MW130B

TIME: 1200 DEPTH OF PUMP:

WEATHER CONDITIONS: SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE mL/min	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1205	1000	21.76	200	0.0	7.07	1.296	160	6.99	10.70	0.2
1210	2000	21.76	200	0.0	7.07	1.300	150	6.74	12.21	5.2
1215	3000	21.77	200	0.01	7.05	1.306	65	6.50	12.53	11.6
1220	4000	21.77	200	0.01	7.03	1.308	36	6.16	12.51	18.1
1225	5000	21.77	200	0.01	7.02	1.307	25	6.10	12.57	18.6
1230	6000	21.77	200	0.01	7.01	1.310	14	6.09	12.53	19.2
1235	7000	21.77	200	0.01	7.01	1.309	10	6.11	12.60	20.4
1240	8000	21.77	200	0.01	7.01	1.310	8.2	6.09	12.58	19.8
1245	9000	21.77	200	0.01	7.01	1.310	6.1	6.10	12.59	19.7
1250	SAMPLE TIME									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 1/12/11 1040 WELL #: MW401A

TIME: 1040 DEPTH OF PUMP:

WEATHER CONDITIONS: SAMPLERS: Tucker, Hoy

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1045,5		24.18	300	0.01	7.07	0.944	991	18.99	10.66	284.4
1050,10		24.18	300	0.01	7.11	0.945	650	17.75	12.25	280.9
1055,15		24.18	300	0.01	7.11	0.953	310	18.48	13.23	278.7
1100,20		24.18	300	0.01	7.08	0.932	250	17.56	11.73	279.3
1105,25		24.18	300	0.01	7.10	0.927	200	16.43	15.22	278.6
1110,30		24.18	300	0.01	7.11	0.945	100	17.80	14.23	276.5
1115,35		24.18	300	0.01	7.09	0.937	65	17.61	13.53	277.2
1120,40		24.18	300	0.01	7.09	0.938	30	17.21	12.88	277.5
1125,45		24.18	300	0.01	7.09	0.942	21	17.25	12.59	277.2
1130,50		24.18	300	0.01	7.07	0.920	23	17.38	13.41	276.2
1135,55		24.18	300	0.01	7.10	0.942	18	17.45	14.42	275.2
1140	Sample		A4-MW401A-110112							

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

1150 A4-FB001-110212

REV 5/01

DTW = 24.13

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 1/13/11 0720 WELL #: MW401B

TIME: DEPTH OF PUMP: 61'

WEATHER CONDITIONS: Sunny, 20's SAMPLERS: Forkel, Hong

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
0725, 5		24.22	250	0.09	7.02	1.288	450	7.07	10.61	20.5
0730, 10		24.22	250	0.09	7.03	1.312	210	6.24	8.7	24.7
0735, 15		24.22	250	0.09	7.04	1.296	50	6.23	10.57	5.8
0740, 20		24.22	250	0.09	7.03	1.296	29	6.00	11.05	9.2
0745, 25		24.22	250	0.09	7.01	1.298	20	6.12	10.97	14.9
0750, 30		24.22	250	0.09	7.02	1.300	15	6.10	11.32	15.7
0755, 35		24.22	250	0.09	7.02	1.299	13	6.05	11.29	-5.2
0800, 40		24.22	250	0.09	7.01	1.308	7.9	6.03	10.82	4.9
0805, 45		24.22	250	0.09	7.01	1.295	6.6	6.10	10.98	12.0
0810, 50		24.22	250	0.09	7.01	1.299	5.2	5.95	10.92	13.7
0815, 55		24.22	250	0.09	7.01	1.296	6.0	5.97	10.04	13.8
0820		Sample		A4-MW401B-110113						

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

A4-MW401B-110113-D

REV 5/01

11.6°C, 7670.3Deg

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 1/12/14 WELL #: MW01 Port 1

TIME: 11:03 DEPTH OF PUMP:

WEATHER CONDITIONS: Snow on Ground, 25°F, Overcast SAMPLERS: C.Cox

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1107	700ml				6.95	1.137	6.57	4.62	8.93	-101.6
1112			200ml/min		7.04	1.140	2.54	3.94	9.77	-60.7
1117			"		7.13	1.152	2.41	3.46	9.62	-57.5
1125			"		7.00	1.144	2.34	3.19	9.97	-43.9
1130					7.09	1.149	2.28	3.02	9.90	-56.6
1135					7.09	1.149	2.30	2.86	9.83	-65.4
1140	2 3gal 2.5gal				7.08	1.144		2.71	10.24	-73.4

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

11:45 collect sample

1A4-MLW01A-110112

REV 5/01

11.5°C, 7966.0 Dg

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 1/12/10 WELL #: MW01 Part 2

TIME: ~~11:54~~ 11:50 DEPTH OF PUMP:

WEATHER CONDITIONS: SAMPLERS: C. Cox

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1153			~200 mL		6.85	1.193	1.50	3.00	9.71	-106.6
11:58					6.78	1.313	1.44	5.23	9.72	-43.4
12:03					6.96	1.332	1.47	5.32	9.95	-27.2
12:08					7.05	1.336	1.41	5.32	10.07	-10.0
12:13					7.01	1.339	1.31	5.41	10.03	0.2
12:18	2.5gal				6.98	1.341	1.27	5.32	6.99	3.1

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

12:20 collect sample

AG-MLW01B-110112

REV 5/01

11.4 °C, 8198.0 Dg

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 1/12/11 WELL #: MW01 Part 3

TIME: 12:30 DEPTH OF PUMP:

WEATHER CONDITIONS: SAMPLERS: C. Cox

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1234					6.99	1.330	0.32	6.05	10.33	15.4
1238					7.00	1.331	1.49	6.13	10.29	13.4
~~1242~~ 1242					6.14	1.330	2.39	6.17	10.35	16.7
~~1246~~ 1246					6.93	1.331	2.41	6.12	10.43	22.4
~~1254~~ 1254 2.5 gal					6.88	1.330	2.16	6.25	10.46	32.6
~~1250~~ 1258					6.86	1.327	2.04	6.17	10.46	40.1
-YSI meter ~ 2hr off recorded.										

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

1400 collect sample

REV 5/01

1A4-MLW01C-110112

11.6°C, 8604.4 DS

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 1/12/10 WELL #: MW 01 Qrt 4

TIME: 14:05 DEPTH OF PUMP:

WEATHER CONDITIONS: SAMPLERS: C.Cox

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
1410					6.89	1.302	2.31	6.32	10.55	41.6
1415					6.99	1.301	2.29	6.22	10.53	2.9
1420	~1gal				7.14	1.298	1.18	6.34	10.55	11.5
1425					6.94	1.299		6.12	10.59	20.4
1430					7.05	1.298		6.04	10.60	15.4
1435					6.89	1.299		6.20	10.62	36.9
1440	~3gal				6.95	1.301		6.22	10.59	36.0
1445										

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

1445 Sample

REV 3/01

A4-MLW01D - 110112

12.1°C 8689.9 Dg

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Southeast Rockford, Area 4

DATE: 1/12/10 WELL #: MW01 Port 5

TIME: 1430 1506 DEPTH OF PUMP:

WEATHER CONDITIONS: SAMPLERS: C. Cox

ELAPSED TIME (MIN)	VOLUME PURGED (mL)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.25 SU)	SPECIFIC COND. (+/- 50 mS/cm)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 5 C°)	REDOX POTENTIAL mV (+/- 10 mv)
15:10					6.73	~~1.205~~ 0.944	2.66	1.26	10.43	-183.0
15:15					6.86	0.945	3.40	1.16	10.38	-206.9
15:20					6.86	0.942	2.31	1.46	10.34	-210.4
15:25					6.85	0.933	2.11	1.25	10.21	-210.1
15:30					6.86	0.931	2.14	1.00	10.40	-213.0
15:35					7.01	0.937	2.49	0.85	10.50	-213.8
15:40					6.96	0.933	2.54	0.78	10.55	-219.4
15:45	~2.5 gal				6.95	0.932	2.39	0.67	10.63	-220.8

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

FROZEN water line... thaw w/ torch & pull water off line

1545 collect sample

REV 5/01

A4- MLW01E-110112

Appendix B

Appendix B
Analytical Data

CDM Smith

Appendix B – Analytical Data

Baseline, November 2009

Analytical Results (Qualified Data)

Case #: 39227
SDG : E3WN2
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : A4
Reviewer : D. CONNET
Date : 3/4/2010

Number of Soil Samples : 0
Number of Water Samples : 10
Number of Sediment Samples : 0

Sample Number :	E3WN2		E3WN3		E3WN4		E3WN4DL		E3WN4MS	
Sampling Location :	A4-FBO1-091111		A4-MW022B-091111		A4-MW022A-091111		A4-MW022A-091111		A4-MW022A-091111	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	11/11/2009		11/11/2009		11/11/2009					
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		0	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	1.0		1.0		1.0		25.0		1.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	0.50	U	0.50	U	0.50	U	13	U	0.50	U
Chloromethane	0.50	U	0.50	U	0.50	U	13	U	0.98	
Vinyl chloride	0.50	U	0.50	U	0.50	U	13	U	0.50	U
Bromomethane	0.50	R	0.50	R	0.50	R	13	R	0.50	U
Chloroethane	0.50	U	0.50	U	0.043	J	13	U	0.50	U
Trichlorofluoromethane	0.50	UJ	0.50	UJ	0.50	U	13	U	0.50	U
1,1-Dichloroethene	0.50	U	0.50	U	3.3	J	13	U	9.4	J
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	UJ	0.50	UJ	0.50	U	13	U	0.50	U
Acetone	2.8	J	5.0	U	10	U	130	U	5.0	U
Carbon Disulfide	0.50	U	0.50	U	0.50	U	13	U	0.50	U
Methyl acetate	0.50	UJ	0.50	UJ	0.50	U	13	U	0.50	U
Methylene chloride	0.50	UJ	0.50	UJ	0.50	U	26	U	1.0	U
trans-1,2-Dichloroethene	0.50	U	0.50	U	0.50	U	13	U	0.18	J
Methyl tert-butyl ether	0.50	UJ	0.50	UJ	0.50	U	13	U	0.50	U
1,1-Dichloroethane	0.50	U	9.9		4.6		13	U	4.8	
cis-1,2-Dichloroethene	0.50	U	12		2.3	J	13	U	2.0	J
2-Butanone	5.0	U	5.0	U	5.0	U	130	U	5.0	U
Bromochloromethane	0.50	U	0.50	U	0.50	U	13	U	0.50	U
Chloroform	0.50	U	0.50	U	0.50	U	13	U	0.50	U
1,1,1-Trichloroethane	0.50	UJ	12	J	110	J	99		100	J
Cyclohexane	0.50	U	0.50	U	0.50	U	13	U	0.50	U
Carbon tetrachloride	0.50	UJ	0.50	UJ	0.50	U	13	U	0.44	J
Benzene	0.50	U	0.50	U	0.50	U	13	U	6.2	
1,2-Dichloroethane	0.50	UJ	0.50	UJ	0.50	U	13	U	0.50	U
Trichloroethene	0.50	U	3.7		1.6		13	U	7.3	
Methylcyclohexane	0.50	U	0.50	U	0.50	U	13	U	0.50	U
1,2-Dichloropropane	0.50	U	0.50	U	0.50	U	13	U	0.50	U
Bromodichloromethane	0.50	U	0.50	U	0.50	U	13	U	0.50	U
cis-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U	13	U	0.50	U
4-Methyl-2-pentanone	5.0	U	5.0	U	5.0	U	130	U	5.0	U
Toluene	0.14	J	0.50	U	0.50	U	13	U	6.4	
trans-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U	13	U	0.50	U
1,1,2-Trichloroethane	0.50	U	0.50	U	0.50	U	13	U	0.50	U

Case #: 39227
SDG : E3WN2
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : A4
Reviewer : D. CONNET
Date : 3/4/2010

Sample Number :	E3WN2		E3WN3		E3WN4		E3WN4DL		E3WN4MS	
Sampling Location :	A4-FBO1-091111		A4-MW022B-091111		A4-MW022A-091111		A4-MW022A-091111		A4-MW022A-091111	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	11/11/2009		11/11/2009		11/11/2009					
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		0	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	1.0		1.0		1.0		25.0		1.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	0.50	U	0.49	J	0.29	J	13	U	0.28	J
2-Hexanone	5.0	U	5.0	U	5.0	U	130	U	5.0	U
Dibromochloromethane	0.50	U	0.50	U	0.50	U	13	U	0.50	U
1,2-Dibromoethane	0.50	UJ	0.50	UJ	0.50	U	13	U	0.50	U
Chlorobenzene	0.50	U	0.50	U	0.50	R	13	R	6.0	
Ethylbenzene	0.50	U	0.50	U	0.50	U	13	U	0.50	U
o-Xylene	0.50	U	0.50	U	0.50	U	13	U	0.50	U
m,p-Xylene	0.50	U	0.50	U	0.50	U	13	U	0.50	U
Styrene	0.50	U	0.50	U	0.50	U	13	U	0.50	U
Bromoform	0.50	U	0.50	U	0.50	U	13	U	0.50	U
Isopropylbenzene	0.50	U	0.50	U	0.50	U	13	U	0.50	U
1,1,2,2-Tetrachloroethane	0.50	UJ	0.50	UJ	0.50	UJ	13	U	0.50	U
1,3-Dichlorobenzene	0.50	U	0.50	U	0.50	U	13	U	0.50	U
1,4-Dichlorobenzene	0.50	U	0.50	U	0.50	U	13	U	0.50	U
1,2-Dichlorobenzene	0.50	U	0.50	U	0.50	U	13	U	0.50	U
1,2-Dibromo-3-chloropropane	0.50	UJ	0.50	UJ	0.50	UJ	13	U	0.50	U
1,2,4-Trichlorobenzene	0.50	U	0.50	U	0.50	U	13	U	0.50	U
1,2,3-Trichlorobenzene	0.50	U	0.50	U	0.50	U	13	U	0.50	U

Analytical Results (Qualified Data)

Case #: 39227
SDG : E3WN2
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : A4
Reviewer : D. CONNET
Date : 3/4/2010

Sample Number :	E3WN4MSD		E3WN5		E3WN5DL		E3WN6		E3WN6DL	
Sampling Location :	A4-MW022A-091111		A4-MW032-091110		A4-MW032-091110		A4-MW130A-091111		A4-MW130A-091111	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :			11/10/2009				11/11/2009			
Time Sampled :										
%Moisture :	0		N/A		N/A		N/A		N/A	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	1.0		1.0		5.0		1.0		50.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	0.50	U	0.50	U	2.5	U	6.3		25	U
Chloromethane	0.95		0.50	U	2.5	U	0.50	U	25	U
Vinyl chloride	0.50	U	0.50	U	2.5	U	0.50	U	25	U
Bromomethane	0.50	U	0.50	R	2.5	R	0.50	R	25	R
Chloroethane	0.50	U	0.50	U	2.5	U	0.50	U	25	U
Trichlorofluoromethane	0.50	U	0.50	UJ	2.5	U	0.50	UJ	25	U
1,1-Dichloroethene	9.5	J	5.1	J	2.5	U	7.4	J	25	U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	0.50	UJ	2.5	U	0.50	UJ	25	U
Acetone	5.0	U	5.0	U	25	U	5.0	U	250	U
Carbon Disulfide	0.50	U	0.50	U	2.5	U	0.50	U	25	U
Methyl acetate	0.50	U	0.50	UJ	2.5	U	0.50	UJ	25	U
Methylene chloride	1.0	U	0.50	UJ	2.5	U	1.0	UJ	50	U
trans-1,2-Dichloroethene	0.17	J	0.60	J	0.68	J	0.38	J	25	U
Methyl tert-butyl ether	0.50	U	0.50	UJ	2.5	U	0.50	UJ	25	U
1,1-Dichloroethane	4.7		18		22		26	J	35	
cis-1,2-Dichloroethene	2.1	J	30	J	36		14	J	17	J
2-Butanone	5.0	U	5.0	U	25	U	5.0	U	250	U
Bromochloromethane	0.50	U	0.50	U	2.5	U	0.50	U	25	U
Chloroform	0.50	U	0.50	U	2.5	U	0.50	U	25	U
1,1,1-Trichloroethane	110	J	20	J	22		270	J	370	
Cyclohexane	0.50	U	0.50	U	2.5	U	0.50	U	25	U
Carbon tetrachloride	0.44	J	0.50	UJ	2.5	U	0.50	UJ	25	U
Benzene	6.3		0.50	U	2.5	U	0.50	U	25	U
1,2-Dichloroethane	0.50	U	0.50	UJ	2.5	U	0.50	UJ	25	U
Trichloroethene	7.3		9.3		10		3.6		25	U
Methylcyclohexane	0.50	U	0.50	U	2.5	U	0.50	U	25	U
1,2-Dichloropropane	0.50	U	0.50	U	2.5	U	0.50	U	25	U
Bromodichloromethane	0.50	U	0.50	U	2.5	U	0.50	U	25	U
cis-1,3-Dichloropropene	0.50	U	0.50	U	2.5	U	0.50	U	25	U
4-Methyl-2-pentanone	5.0	U	5.0	U	25	U	5.0	U	250	U
Toluene	6.6		0.50	U	2.5	U	0.50	U	25	U
trans-1,3-Dichloropropene	0.50	U	0.50	U	2.5	U	0.50	U	25	U
1,1,2-Trichloroethane	0.50	U	0.50	U	2.5	U	0.51		25	U

Case #: 39227 SDG : E3WN2
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : A4
Reviewer : D. CONNET
Date : 3/4/2010

Sample Number :	E3WN4MSD		E3WN5		E3WN5DL		E3WN6		E3WN6DL	
Sampling Location :	A4-MW022A-091111		A4-MW032-091110		A4-MW032-091110		A4-MW130A-091111		A4-MW130A-091111	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :			11/10/2009				11/11/2009			
Time Sampled :										
%Moisture :	0		N/A		N/A		N/A		N/A	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	1.0		1.0		5.0		1.0		50.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	0.28	J	0.70		2.5	U	0.88		25	U
2-Hexanone	5.0	U	5.0	U	25	U	5.0	U	250	U
Dibromochloromethane	0.50	U	0.50	U	2.5	U	0.50	U	25	U
1,2-Dibromoethane	0.50	U	0.50	UJ	2.5	U	0.50	UJ	25	U
Chlorobenzene	0.50	U	0.50	U	2.5	U	0.50	U	25	U
Ethylbenzene	0.50	U	0.50	U	2.5	U	0.50	U	25	U
o-Xylene	0.50	U	0.50	U	2.5	U	0.50	U	25	U
m,p-Xylene	0.50	U	0.50	U	2.5	U	0.50	U	25	U
Styrene	0.50	U	0.50	U	2.5	U	0.50	U	25	U
Bromoform	0.50	U	0.50	U	2.5	U	0.50	U	25	U
Isopropylbenzene	0.50	U	0.50	U	2.5	U	0.50	U	25	U
1,1,2,2-Tetrachloroethane	0.50	U	0.50	UJ	2.5	U	0.50	UJ	25	U
1,3-Dichlorobenzene	0.50	U	0.50	U	2.5	U	0.50	U	25	U
1,4-Dichlorobenzene	0.50	U	0.50	U	2.5	U	0.50	U	25	U
1,2-Dichlorobenzene	0.50	U	0.50	U	2.5	U	0.50	U	25	U
1,2-Dibromo-3-chloropropane	0.50	U	0.50	UJ	2.5	U	0.50	UJ	25	U
1,2,4-Trichlorobenzene	0.50	U	0.50	U	2.5	U	0.50	U	25	U
1,2,3-Trichlorobenzene	0.50	U	0.50	U	2.5	U	0.50	U	25	U

Case #: 39227 SDG : E3WN2
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : A4
Reviewer : D. CONNET
Date : 3/4/2010

Sample Number :	E3WN7		E3WN7DL		E3WN8		E3WN8DL		E3WN9	
Sampling Location :	A4-MW130B-091111		A4-MW130B-091111		A4-MW130B-091111-D		A4-MW130B-091111-D		A4-MW401A-091111	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	11/11/2009				11/11/2009				11/11/2009	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	1.0		10.0		1.0		10.0		1.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	9.1		5.0	U	0.50	U	5.0	U	0.50	U
Chloromethane	0.69		5.0	U	0.50	U	5.0	U	1.2	
Vinyl chloride	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
Bromomethane	0.50	R	5.0	R	0.50	R	5.0	R	0.50	R
Chloroethane	0.50	U	5.0	U	0.50	U	5.0	U	0.12	J
Trichlorofluoromethane	0.50	U	5.0	U	0.50	UJ	5.0	U	0.50	UJ
1,1-Dichloroethene	3.8		5.0	U	4.4	J	5.0	U	11	J
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	5.0	U	0.50	UJ	5.0	U	0.50	UJ
Acetone	5.0	U	50	U	5.0	U	50	U	5.0	U
Carbon Disulfide	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
Methyl acetate	0.50	U	5.0	U	0.50	UJ	5.0	U	0.50	UJ
Methylene chloride	0.50	U	10	U	0.50	UJ	10	U	0.50	UJ
trans-1,2-Dichloroethene	0.50	U	0.16	J	0.40	J	5.0	U	0.50	U
Methyl tert-butyl ether	0.50	U	5.0	U	0.50	UJ	5.0	U	0.50	UJ
1,1-Dichloroethane	16		21		17		17		16	
cis-1,2-Dichloroethene	8.2		11	J	8.7	J	8.4		1.8	J
2-Butanone	5.0	U	50	U	5.0	U	50	U	5.0	U
Bromochloromethane	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
Chloroform	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
1,1,1-Trichloroethane	90	J	110		110	J	82		490	J
Cyclohexane	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
Carbon tetrachloride	0.50	U	5.0	U	0.50	UJ	5.0	U	0.50	UJ
Benzene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
1,2-Dichloroethane	0.50	U	5.0	U	0.50	UJ	5.0	U	0.50	UJ
Trichloroethene	3.6		4.3	J	4.1		3.0	J	6.3	
Methylcyclohexane	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
1,2-Dichloropropane	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
Bromodichloromethane	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
cis-1,3-Dichloropropene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
4-Methyl-2-pentanone	5.0	U	50	U	5.0	U	50	U	5.0	U
Toluene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
trans-1,3-Dichloropropene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
1,1,2-Trichloroethane	0.18	J	5.0	U	0.16	J	5.0	U	0.55	

Analytical Results (Qualified Data)

Case #: 39227
SDG : E3WN2
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : A4
Reviewer : D. CONNET
Date : 3/4/2010

Sample Number :	E3WN7		E3WN7DL		E3WN8		E3WN8DL		E3WN9	
Sampling Location :	A4-MW130B-091111		A4-MW130B-091111		A4-MW130B-091111-D		A4-MW130B-091111-D		A4-MW401A-091111	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	11/11/2009				11/11/2009				11/11/2009	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	1.0		10.0		1.0		10.0		1.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	0.57		5.0	U	0.63		5.0	U	0.81	
2-Hexanone	5.0	U	50	U	5.0	U	50	U	5.0	U
Dibromochloromethane	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
1,2-Dibromoethane	0.50	U	5.0	U	0.50	UJ	5.0	U	0.50	UJ
Chlorobenzene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
Ethylbenzene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
o-Xylene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
m,p-Xylene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
Styrene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
Bromoform	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
Isopropylbenzene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
1,1,2,2-Tetrachloroethane	0.50	UJ	5.0	U	0.50	UJ	5.0	U	0.50	UJ
1,3-Dichlorobenzene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
1,4-Dichlorobenzene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
1,2-Dichlorobenzene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
1,2-Dibromo-3-chloropropane	0.50	UJ	5.0	U	0.50	UJ	5.0	U	0.50	UJ
1,2,4-Trichlorobenzene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U
1,2,3-Trichlorobenzene	0.50	U	5.0	U	0.50	U	5.0	U	0.50	U

Analytical Results (Qualified Data)

Case #: 39227 SDG : E3WN2
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : A4
Reviewer : D. CONNET
Date : 3/4/2010

Sample Number :	E3WN9DL		E3WP0		E3WP0DL		E3WP1		VBLK2J	
Sampling Location :	A4-MW401A-091111		A4-MW401B-091111		A4-MW401B-091111		A4-TB01-091111			
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :			11/11/2009				11/11/2009			
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		0	
pH :	2.0		2.0		2.0		2.0			
Dilution Factor :	50.0		1.0		5.0		1.0		1.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	25	U	0.50	U	9.9		0.50	U	0.50	U
Chloromethane	25	U	0.50	U	2.1	J	0.50	U	0.50	U
Vinyl chloride	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Bromomethane	25	R	0.50	R	2.5	U	0.50	R	0.50	U
Chloroethane	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Trichlorofluoromethane	25	U	0.50	U	2.5	U	0.50	U	0.50	U
1,1-Dichloroethene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
1,1,2-Trichloro-1,2,2-trifluoroethane	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Acetone	250	U	5.0	U	50	U	5.0	U	5.0	U
Carbon Disulfide	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Methyl acetate	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Methylene chloride	25	U	1.0	U	1.6	J	0.50	U	0.60	
trans-1,2-Dichloroethene	25	U	0.46	J	0.58	J	0.50	U	0.50	U
Methyl tert-butyl ether	25	U	0.50	U	2.5	U	0.50	U	0.50	U
1,1-Dichloroethane	9.3	J	16		23		0.50	U	0.50	U
cis-1,2-Dichloroethene	25	U	23	J	34		0.50	U	0.50	U
2-Butanone	250	U	5.0	U	25	U	5.0	U	5.0	U
Bromochloromethane	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Chloroform	25	U	0.50	U	2.5	U	0.50	U	0.50	U
1,1,1-Trichloroethane	320		15		23		0.50	U	0.50	U
Cyclohexane	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Carbon tetrachloride	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Benzene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
1,2-Dichloroethane	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Trichloroethene	25	U	4.8		7.2		0.50	U	0.50	U
Methylcyclohexane	25	U	0.50	U	2.5	U	0.50	U	0.50	U
1,2-Dichloropropane	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Bromodichloromethane	25	U	0.50	U	2.5	U	0.50	U	0.50	U
cis-1,3-Dichloropropene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
4-Methyl-2-pentanone	250	U	5.0	U	25	U	5.0	U	5.0	U
Toluene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
trans-1,3-Dichloropropene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
1,1,2-Trichloroethane	25	U	0.50	U	2.5	U	0.50	U	0.50	U

Case #: 39227
SDG : E3WN2
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : A4
Reviewer : D. CONNET
Date : 3/4/2010

Sample Number :	E3WN9DL		E3WP0		E3WP0DL		E3WP1		VBLK2J	
Sampling Location :	A4-MW401A-091111		A4-MW401B-091111		A4-MW401B-091111		A4-TB01-091111			
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :			11/11/2009				11/11/2009			
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		0	
pH :	2.0		2.0		2.0		2.0			
Dilution Factor :	50.0		1.0		5.0		1.0		1.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	25	U	0.45	J	0.65	J	0.50	U	0.50	U
2-Hexanone	250	U	5.0	U	25	U	5.0	U	5.0	U
Dibromochloromethane	25	U	0.50	U	2.5	U	0.50	U	0.50	U
1,2-Dibromoethane	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Chlorobenzene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Ethylbenzene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
o-Xylene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
m,p-Xylene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Styrene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Bromoform	25	U	0.50	U	2.5	U	0.50	U	0.50	U
Isopropylbenzene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
1,1,2,2-Tetrachloroethane	25	U	0.50	UJ	2.5	U	0.50	U	0.50	U
1,3-Dichlorobenzene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
1,4-Dichlorobenzene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
1,2-Dichlorobenzene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
1,2-Dibromo-3-chloropropane	25	U	0.50	UJ	2.5	U	0.50	U	0.50	U
1,2,4-Trichlorobenzene	25	U	0.50	U	2.5	U	0.50	U	0.50	U
1,2,3-Trichlorobenzene	25	U	0.50	U	2.5	U	0.50	U	0.50	U

Case #: 39227 SDG : E3WN2
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : A4
Reviewer : D. CONNET
Date : 3/4/2010

Sample Number :	VBLKFC		VBLKFD		VBLKFN		VHBLK01			
Sampling Location :										
Matrix :	Water		Water		Water		Water			
Units :	ug/L		ug/L		ug/L		ug/L			
Date Sampled :										
Time Sampled :										
%Moisture :	0		0		0		N/A			
pH :							7.0			
Dilution Factor :	1.0		1.0		1.0		1.0			
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	0.50	U	0.50	U	0.50	U	0.50	U		
Chloromethane	0.50	U	0.50	U	0.50	U	0.50	U		
Vinyl chloride	0.50	U	0.50	U	0.50	U	0.50	U		
Bromomethane	0.50	R	0.50	R	0.50	U	0.50	U		
Chloroethane	0.50	U	0.50	U	0.50	U	0.50	U		
Trichlorofluoromethane	0.50	U	0.50	U	0.50	U	0.50	U		
1,1-Dichloroethene	0.50	U	0.50	U	0.50	U	0.50	U		
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	0.50	U	0.50	U	0.50	U		
Acetone	5.0	U	5.0	U	5.0	U	5.0	U		
Carbon Disulfide	0.50	U	0.50	U	0.50	U	0.50	U		
Methyl acetate	0.50	U	0.50	U	0.50	U	0.50	U		
Methylene chloride	0.11	J	0.13	J	0.50	U	0.50	U		
trans-1,2-Dichloroethene	0.50	U	0.50	U	0.50	U	0.50	U		
Methyl tert-butyl ether	0.50	U	0.50	U	0.50	U	0.50	U		
1,1-Dichloroethane	0.50	U	0.50	U	0.50	U	0.50	U		
cis-1,2-Dichloroethene	0.50	U	0.50	U	0.50	U	0.50	U		
2-Butanone	5.0	U	5.0	U	5.0	U	5.0	U		
Bromochloromethane	0.50	U	0.50	U	0.50	U	0.50	U		
Chloroform	0.50	U	0.50	U	0.50	U	0.50	U		
1,1,1-Trichloroethane	0.50	U	0.50	U	0.50	U	0.50	U		
Cyclohexane	0.50	U	0.50	U	0.50	U	0.50	U		
Carbon tetrachloride	0.50	U	0.50	U	0.50	U	0.50	U		
Benzene	0.50	U	0.50	U	0.50	U	0.50	U		
1,2-Dichloroethane	0.50	U	0.50	U	0.50	U	0.50	U		
Trichloroethene	0.50	U	0.50	U	0.50	U	0.50	U		
Methylcyclohexane	0.50	U	0.50	U	0.50	U	0.50	U		
1,2-Dichloropropane	0.50	U	0.50	U	0.50	U	0.50	U		
Bromodichloromethane	0.50	U	0.50	U	0.50	U	0.50	U		
cis-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U	0.50	U		
4-Methyl-2-pentanone	5.0	U	5.0	U	5.0	U	5.0	U		
Toluene	0.50	U	0.50	U	0.50	U	0.50	U		
trans-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U	0.50	U		
1,1,2-Trichloroethane	0.50	U	0.50	U	0.50	U	0.50	U		

Case #: 39227
SDG : E3WN2
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : A4
Reviewer : D. CONNET
Date : 3/4/2010

Sample Number :	VBLKFC		VBLKFD		VBLKFN		VHBLK01			
Sampling Location :										
Matrix :	Water		Water		Water		Water			
Units :	ug/L		ug/L		ug/L		ug/L			
Date Sampled :										
Time Sampled :										
%Moisture :	0		0		0		N/A			
pH :							7.0			
Dilution Factor :	1.0		1.0		1.0		1.0			
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	0.50	U	0.50	U	0.50	U	0.50	U		
2-Hexanone	5.0	U	5.0	U	5.0	U	5.0	U		
Dibromochloromethane	0.50	U	0.50	U	0.50	U	0.50	U		
1,2-Dibromoethane	0.50	U	0.50	U	0.50	U	0.50	U		
Chlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U		
Ethylbenzene	0.50	U	0.50	U	0.50	U	0.50	U		
o-Xylene	0.50	U	0.50	U	0.50	U	0.50	U		
m,p-Xylene	0.50	U	0.50	U	0.50	U	0.50	U		
Styrene	0.50	U	0.50	U	0.50	U	0.50	U		
Bromoform	0.50	U	0.50	U	0.50	U	0.50	U		
Isopropylbenzene	0.50	U	0.50	U	0.50	U	0.50	U		
1,1,2,2-Tetrachloroethane	0.50	U	0.50	U	0.50	U	0.50	U		
1,3-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U		
1,4-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U		
1,2-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U		
1,2-Dibromo-3-chloropropane	0.50	U	0.50	U	0.50	U	0.50	U		
1,2,4-Trichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U		
1,2,3-Trichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U		

Appendix B – Analytical Data

First Quarter, February 2010

Analytical Results (Qualified Data)

Case #: 39470
SDG : E3WP2
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : A4
Reviewer :
Date :

Number of Soil Samples : 0
Number of Water Samples : 19
Number of Sediment Samples : 0

Sample Number :	E3WP2		E3WP2DL		E3WP3		E3WP3DL		E3WP4	
Sampling Location :	A4-EW001-100211		A4-EW001-100211		A4-EW002-100211		A4-EW002-100211		A4-EW003-100211	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	2/11/2010				2/11/2010				2/11/2010	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	1.0		5.0		1.0		25.0		25.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	0.50	U	2.5	U	0.50	U	13	U	13	U
Chloromethane	0.50	U	2.5	U	0.50	U	13	U	13	U
Vinyl chloride	0.50	U	2.5	U	0.50	U	13	U	13	U
Bromomethane	0.50	U	2.5	U	0.50	U	13	U	13	U
Chloroethane	0.50	U	2.5	U	0.50	U	13	U	13	U
Trichlorofluoromethane	0.14	J	2.5	U	0.50	U	13	U	13	U
1,1-Dichloroethene	0.50	U	2.5	U	4.7	J	13	U	13	U
1,1,2-Trichloro-1,2,2-trifluoro	0.50	UJ	2.5	U	0.50	U	13	U	13	U
Acetone	5.0	U	25	U	5.0	U	48	J	130	U
Carbon Disulfide	0.50	U	2.5	U	0.50	U	13	U	13	U
Methyl acetate	0.50	UJ	2.5	U	0.50	U	13	U	13	U
Methylene chloride	0.50	UJ	5.0	U	0.50	U	13	U	26	U
trans-1,2-Dichloroethene	0.25	J	2.5	U	0.24	J	13	U	13	U
Methyl tert-butyl ether	0.50	UJ	2.5	U	0.50	U	13	U	13	U
1,1-Dichloroethane	8.9		12		14		15		130	
cis-1,2-Dichloroethene	5.6		7.4		5.5	J	6.4	J	20	
2-Butanone	5.0	U	25	U	5.0	U	130	U	130	U
Bromochloromethane	0.50	U	2.5	U	0.50	U	13	U	13	U
Chloroform	0.50	U	2.5	U	0.50	U	13	U	13	U
1,1,1-Trichloroethane	38	J	34		290	J	250		2500	J
Cyclohexane	0.50	U	2.5	U	0.50	U	13	U	13	U
Carbon tetrachloride	0.50	UJ	2.5	U	0.50	U	13	U	13	U
Benzene	0.50	U	2.5	U	0.50	U	13	U	13	U
1,2-Dichloroethane	0.50	UJ	2.5	U	0.50	U	13	U	13	U
Trichloroethene	3.0		3.1		3.3		13	U	9.8	J
Methylcyclohexane	0.50	U	2.5	U	0.50	U	13	U	13	U
1,2-Dichloropropane	0.50	U	2.5	U	0.50	U	13	U	13	U
Bromodichloromethane	0.50	U	2.5	U	0.50	U	13	U	13	U
cis-1,3-Dichloropropene	0.50	U	2.5	U	0.50	U	13	U	13	U
4-Methyl-2-pentanone	5.0	U	25	U	5.0	U	130	U	130	U
Toluene	0.50	U	2.5	U	0.50	U	13	U	13	U
trans-1,3-Dichloropropene	0.50	U	2.5	U	0.50	U	13	U	13	U
1,1,2-Trichloroethane	0.50	U	2.5	U	0.50	U	13	U	8.6	J

Analytical Results (Qualified Data)

Case #: 39470 SDG : E3WP2
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : A4
Reviewer :
Date :

Sample Number :	E3WP2		E3WP2DL		E3WP3		E3WP3DL		E3WP4	
Sampling Location :	A4-EW001-100211		A4-EW001-100211		A4-EW002-100211		A4-EW002-100211		A4-EW003-100211	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	2/11/2010				2/11/2010				2/11/2010	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	1.0		5.0		1.0		25.0		25.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	0.49	J	2.5	U	0.88		13	U	3.1	J
2-Hexanone	5.0	U	25	U	5.0	U	130	U	130	U
Dibromochloromethane	0.50	U	2.5	U	0.50	U	13	U	13	U
1,2-Dibromoethane	0.50	UJ	2.5	U	0.50	U	13	U	13	U
Chlorobenzene	0.50	U	2.5	U	0.50	U	13	U	13	U
Ethylbenzene	0.50	U	2.5	U	0.50	U	13	U	13	U
o-Xylene	0.50	U	2.5	U	0.50	U	13	U	13	U
m,p-Xylene	0.50	U	2.5	U	0.50	U	13	U	13	U
Styrene	0.50	U	2.5	U	0.50	U	13	U	13	U
Bromoform	0.50	U	2.5	U	0.50	U	13	U	13	U
Isopropylbenzene	0.50	U	2.5	U	0.16	J	13	U	13	U
1,1,2,2-Tetrachloroethane	0.50	UJ	2.5	U	0.50	UJ	13	U	13	U
1,3-Dichlorobenzene	0.50	U	2.5	U	0.50	U	13	U	13	U
1,4-Dichlorobenzene	0.50	U	2.5	U	0.50	U	13	U	13	U
1,2-Dichlorobenzene	0.50	U	2.5	U	0.50	U	13	U	13	U
1,2-Dibromo-3-chloropropan	0.50	UJ	2.5	U	0.50	UJ	13	U	13	U
1,2,4-Trichlorobenzene	0.50	U	2.5	U	0.50	U	13	U	13	U
1,2,3-Trichlorobenzene	0.50	U	2.5	U	0.50	U	13	U	13	U

Case #: 39470 SDG : E3WP2

Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION

Lab. : A4

Reviewer :

Date :

Sample Number :	E3WP4DL		E3WP5		E3WP6		E3WP7		E3WP8	
Sampling Location :	A4-EW003-100211		A4-FB01-100210		A4-FB02-100211		A4-MLW01A-1002		A4-MLW01B-10021	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :			2/10/2010		2/11/2010		2/10/2010		2/10/2010	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	250.0		1.0		1.0		1.0		1.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	130	U	0.50	U	0.50	U	0.50	U	0.50	U
Chloromethane	130	U	0.50	U	0.50	U	0.64	U	0.50	U
Vinyl chloride	130	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromomethane	130	U	0.50	U	0.50	U	0.50	U	0.50	U
Chloroethane	130	U	0.50	U	0.50	U	0.50	U	0.50	U
Trichlorofluoromethane	130	U	0.50	U	0.50	U	0.17	J	0.50	U
1,1-Dichloroethene	130	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,2-Trichloro-1,2,2-trifluoro	130	U	0.50	U	0.50	U	0.50	U	0.50	U
Acetone	1300	U	5.0	U	5.0	U	5.0	U	5.0	U
Carbon Disulfide	130	U	0.50	U	0.50	U	0.50	U	0.50	U
Methyl acetate	130	U	0.50	U	0.50	U	0.50	U	0.50	U
Methylene chloride	130	U	0.50	U	1.0	U	1.0	U	1.0	U
trans-1,2-Dichloroethene	130	U	0.50	U	0.50	U	0.24	J	0.24	J
Methyl tert-butyl ether	130	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1-Dichloroethane	99	J	0.50	U	0.50	U	8.6		8.4	
cis-1,2-Dichloroethene	130	U	0.50	U	0.50	U	9.6		4.5	
2-Butanone	1300	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromochloromethane	130	U	0.50	U	0.50	U	0.50	U	0.50	U
Chloroform	130	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,1-Trichloroethane	2400		0.50	U	0.22	J	7.4		9.0	
Cyclohexane	130	U	0.50	U	0.50	U	0.50	U	0.50	U
Carbon tetrachloride	130	U	0.50	U	0.50	U	0.50	U	0.50	U
Benzene	130	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dichloroethane	130	U	0.50	U	0.50	U	0.50	U	0.50	U
Trichloroethene	130	U	0.50	U	0.50	U	1.6		2.6	
Methylcyclohexane	130	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dichloropropane	130	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromodichloromethane	130	U	0.50	U	0.50	U	0.50	U	0.50	U
cis-1,3-Dichloropropene	130	U	0.50	U	0.50	U	0.50	U	0.50	U
4-Methyl-2-pentanone	1300	U	5.0	U	5.0	U	5.0	U	5.0	U
Toluene	130	U	0.50	U	0.50	U	0.50	U	0.50	U
trans-1,3-Dichloropropene	130	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,2-Trichloroethane	130	U	0.50	U	0.50	U	0.50	U	0.50	U

Case #: 39470 SDG : E3WP2
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : A4
Reviewer :
Date :

Sample Number :	E3WP4DL		E3WP5		E3WP6		E3WP7		E3WP8	
Sampling Location :	A4-EW003-100211		A4-FB01-100210		A4-FB02-100211		A4-MLW01A-1002		A4-MLW01B-10021	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :			2/10/2010		2/11/2010		2/10/2010		2/10/2010	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	250.0		1.0		1.0		1.0		1.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	130	U	0.50	U	0.50	U	0.27	J	0.54	
2-Hexanone	1300	U	5.0	U	5.0	U	5.0	U	5.0	U
Dibromochloromethane	130	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dibromoethane	130	U	0.50	U	0.50	U	0.50	U	0.50	U
Chlorobenzene	130	U	0.50	U	0.50	U	0.50	U	0.50	U
Ethylbenzene	130	U	0.50	U	0.50	U	0.50	U	0.50	U
o-Xylene	130	U	0.50	U	0.50	U	0.50	U	0.50	U
m,p-Xylene	130	U	0.50	U	0.50	U	0.50	U	0.50	U
Styrene	130	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromoform	130	U	0.50	U	0.50	U	0.50	U	0.50	U
Isopropylbenzene	130	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,2,2-Tetrachloroethane	130	U	0.50	UJ	0.50	U	0.50	UJ	0.50	U
1,3-Dichlorobenzene	130	U	0.50	U	0.50	U	0.50	U	0.50	U
1,4-Dichlorobenzene	130	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dichlorobenzene	130	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dibromo-3-chloropropan	130	U	0.50	UJ	0.50	U	0.50	UJ	0.50	U
1,2,4-Trichlorobenzene	130	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2,3-Trichlorobenzene	130	U	0.50	U	0.50	U	0.50	U	0.50	U

Case #: 39470 SDG : E3WP2

Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION

Lab. : A4

Reviewer :

Date :

Sample Number :	E3WP9		E3WQ0		E3WQ1		E3WQ1DL		E3WQ2	
Sampling Location :	A4-MLW01C-10021		A4-MLW01D-10021		A4-MLW01E-10021		A4-MLW01E-10021		A4-MW022A-10021	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	2/10/2010		2/10/2010		2/10/2010				2/11/2010	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	1.0		1.0		5.0		500.0		1.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	0.50	U	0.87		5.2		250	U	0.50	U
Chloromethane	0.67	U	0.50	U	2.5	U	250	U	0.50	U
Vinyl chloride	0.50	U	0.50	U	2.5	U	250	U	0.50	U
Bromomethane	0.50	U	0.50	U	2.5	U	250	U	0.50	U
Chloroethane	0.50	U	0.50	U	2.5	U	250	U	0.50	U
Trichlorofluoromethane	0.50	U	0.50	U	2.5	U	250	U	0.50	U
1,1-Dichloroethene	0.50	U	0.50	U	19	J	250	U	0.50	U
1,1,2-Trichloro-1,2,2-trifluoro	0.50	U	0.50	U	2.5	U	250	U	0.50	U
Acetone	5.0	U	5.0	U	25	U	5000	U	5.0	U
Carbon Disulfide	0.50	U	0.50	U	2.5	U	250	U	0.50	U
Methyl acetate	0.50	U	0.50	U	2.5	U	250	U	0.50	U
Methylene chloride	1.0	U	1.0	U	2.5	U	250	U	1.0	U
trans-1,2-Dichloroethene	0.28	J	0.25	J	2.5	U	250	U	0.097	J
Methyl tert-butyl ether	0.50	U	0.50	U	2.5	U	250	U	0.50	U
1,1-Dichloroethane	8.9		7.5		57		100	J	2.8	
cis-1,2-Dichloroethene	4.6		3.4		20	J	250	U	1.5	
2-Butanone	5.0	U	5.0	U	25	U	2500	U	5.0	U
Bromochloromethane	0.50	U	0.50	U	2.5	U	250	U	0.50	U
Chloroform	0.50	U	0.50	U	2.5	U	250	U	0.50	U
1,1,1-Trichloroethane	9.2		7.9		1800	J	2300		64	J
Cyclohexane	0.50	U	0.50	U	2.5	U	250	U	0.50	U
Carbon tetrachloride	0.50	U	0.50	U	2.5	U	250	U	0.50	U
Benzene	0.50	U	0.50	U	2.5	U	250	U	0.50	U
1,2-Dichloroethane	0.50	U	0.50	U	2.5	U	250	U	0.50	U
Trichloroethene	2.6		2.1		3.3		250	U	1.3	J
Methylcyclohexane	0.50	U	0.50	U	0.64	J	250	U	0.50	U
1,2-Dichloropropane	0.50	U	0.50	U	2.5	U	250	U	0.50	U
Bromodichloromethane	0.50	U	0.50	U	2.5	U	250	U	0.50	U
cis-1,3-Dichloropropene	0.50	U	0.50	U	2.5	U	250	U	0.50	U
4-Methyl-2-pentanone	5.0	U	5.0	U	25	U	2500	U	5.0	U
Toluene	0.50	U	0.50	U	2.5	U	250	U	0.50	U
trans-1,3-Dichloropropene	0.50	U	0.50	U	2.5	U	250	U	0.50	U
1,1,2-Trichloroethane	0.50	U	0.50	U	2.5	U	250	U	0.50	U

Analytical Results (Qualified Data)

Case #: 39470 SDG : E3WP2
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : A4
Reviewer :
Date :

Sample Number :	E3WP9		E3WQ0		E3WQ1		E3WQ1DL		E3WQ2	
Sampling Location :	A4-MLW01C-10021		A4-MLW01D-10021		A4-MLW01E-10021		A4-MLW01E-10021		A4-MW022A-10021	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	2/10/2010		2/10/2010		2/10/2010				2/11/2010	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	1.0		1.0		5.0		500.0		1.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	0.50		0.39	J	22		250	U	0.23	J
2-Hexanone	5.0	U	5.0	U	25	U	2500	U	5.0	U
Dibromochloromethane	0.50	U	0.50	U	2.5	U	250	U	0.50	U
1,2-Dibromoethane	0.50	U	0.50	U	2.5	U	250	U	0.50	U
Chlorobenzene	0.50	U	0.50	U	2.5	U	250	U	0.50	U
Ethylbenzene	0.50	U	0.50	U	10		250	U	0.50	U
o-Xylene	0.50	U	0.50	U	21		250	U	0.50	U
m,p-Xylene	0.50	U	0.50	U	28		250	U	0.50	U
Styrene	0.50	U	0.50	U	2.5	U	250	U	0.50	U
Bromoform	0.50	U	0.50	U	2.5	U	250	U	0.50	U
Isopropylbenzene	0.50	U	0.50	U	6.7		250	U	0.50	U
1,1,2,2-Tetrachloroethane	0.50	U	0.50	UJ	2.5	U	250	U	0.50	UJ
1,3-Dichlorobenzene	0.50	U	0.50	U	2.5	U	250	U	0.50	U
1,4-Dichlorobenzene	0.50	U	0.50	U	2.5	U	250	U	0.50	U
1,2-Dichlorobenzene	0.50	U	0.50	U	2.5	U	250	U	0.50	U
1,2-Dibromo-3-chloropropan	0.50	U	0.50	UJ	2.5	U	250	U	0.50	UJ
1,2,4-Trichlorobenzene	0.50	U	0.50	U	2.5	U	250	U	0.50	U
1,2,3-Trichlorobenzene	0.50	U	0.50	U	2.5	U	250	U	0.50	U

Case #: 39470 SDG : E3WP2

Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION

Lab. : A4

Reviewer :

Date :

Sample Number :	E3WQ2DL		E3WQ2MS		E3WQ2MSD		E3WQ3		E3WQ4	
Sampling Location :	A4-MW022A-10021		A4-MW022A-10021		A4-MW022A-10021		A4-MW032-10021C		A4-MW130A-10021	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :							2/10/2010		2/11/2010	
Time Sampled :										
%Moisture :	N/A		0		0		N/A		N/A	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	5.0		1.0		1.0		1.0		1.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	2.5	U	0.099	J	0.50	U	0.50	U	0.50	U
Chloromethane	2.5	U	0.50	U	0.50	U	0.50	U	0.50	U
Vinyl chloride	2.5	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromomethane	2.5	U	0.50	U	0.50	U	0.50	U	0.50	U
Chloroethane	2.5	U	0.50	U	0.50	U	0.50	U	0.50	U
Trichlorofluoromethane	2.5	U	0.50	U	0.50	U	0.50	U	0.50	UJ
1,1-Dichloroethene	2.5	U	7.6	J	8.5	J	1.6		13	J
1,1,2-Trichloro-1,2,2-trifluoro	2.5	U	0.50	U	0.50	U	0.50	U	0.50	UJ
Acetone	25	U	5.0	U	5.0	U	5.0	U	5.0	U
Carbon Disulfide	2.5	U	0.50	U	0.50	U	0.50	U	0.50	U
Methyl acetate	2.5	U	0.50	U	0.50	U	0.50	U	0.50	UJ
Methylene chloride	5.0	U	1.0	U	1.0	U	1.0	U	0.50	UJ
trans-1,2-Dichloroethene	2.5	U	0.50	U	0.50	U	0.79		0.28	J
Methyl tert-butyl ether	2.5	U	0.50	U	0.50	U	0.50	U	0.50	UJ
1,1-Dichloroethane	2.1	J	2.3		2.7		17		31	J
cis-1,2-Dichloroethene	1.2	J	1.3	J	1.5	J	8.9		10	J
2-Butanone	25	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromochloromethane	2.5	U	0.50	U	0.50	U	0.50	U	0.50	U
Chloroform	2.5	U	0.50	U	0.50	U	0.21	J	0.50	U
1,1,1-Trichloroethane	47		46	J	57	J	17		520	J
Cyclohexane	2.5	U	0.50	U	0.50	U	0.50	U	0.50	U
Carbon tetrachloride	2.5	U	0.50	U	0.50	U	0.50	U	84	J
Benzene	2.5	U	6.2		6.4		0.50	U	0.50	U
1,2-Dichloroethane	2.5	U	0.50	U	0.50	U	0.50	U	0.50	UJ
Trichloroethene	0.91	J	7.1		7.5		7.8		3.7	
Methylcyclohexane	2.5	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dichloropropane	2.5	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromodichloromethane	2.5	U	0.50	U	0.50	U	0.50	U	0.50	U
cis-1,3-Dichloropropene	2.5	U	0.50	U	0.50	U	0.50	U	0.50	U
4-Methyl-2-pentanone	25	U	5.0	U	5.0	U	5.0	U	5.0	U
Toluene	2.5	U	6.5		6.7		0.50	U	0.50	U
trans-1,3-Dichloropropene	2.5	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,2-Trichloroethane	2.5	U	0.50	U	0.50	U	0.50	U	0.94	

Analytical Results (Qualified Data)

Case #: 39470 SDG : E3WP2
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : A4
Reviewer :
Date :

Sample Number :	E3WQ2DL		E3WQ2MS		E3WQ2MSD		E3WQ3		E3WQ4	
Sampling Location :	A4-MW022A-10021		A4-MW022A-10021		A4-MW022A-10021		A4-MW032-100210		A4-MW130A-10021	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :							2/10/2010		2/11/2010	
Time Sampled :										
%Moisture :	N/A		0		0		N/A		N/A	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	5.0		1.0		1.0		1.0		1.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	2.5	U	0.13	J	0.20	J	0.67		0.99	
2-Hexanone	25	U	5.0	U	5.0	U	5.0	U	5.0	U
Dibromochloromethane	2.5	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dibromoethane	2.5	U	0.50	U	0.50	U	0.50	U	0.50	UJ
Chlorobenzene	2.5	U	6.0		6.1		0.50	U	0.50	U
Ethylbenzene	2.5	U	0.50	U	0.50	U	0.50	U	0.50	U
o-Xylene	2.5	U	0.50	U	0.50	U	0.50	U	0.50	U
m,p-Xylene	2.5	U	0.50	U	0.50	U	0.50	U	0.50	U
Styrene	2.5	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromoform	2.5	U	0.50	U	0.50	U	0.50	U	0.50	U
Isopropylbenzene	2.5	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,2,2-Tetrachloroethane	2.5	U	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ
1,3-Dichlorobenzene	2.5	U	0.50	U	0.50	U	0.50	U	0.50	U
1,4-Dichlorobenzene	2.5	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dichlorobenzene	2.5	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dibromo-3-chloropropan	2.5	U	0.50	UJ	0.50	UJ	0.50	UJ	0.50	UJ
1,2,4-Trichlorobenzene	2.5	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2,3-Trichlorobenzene	2.5	U	0.50	U	0.50	U	0.50	U	0.50	U

Analytical Results (Qualified Data)

Case #: 39470 SDG : E3WP2
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : A4
Reviewer :
Date :

Sample Number :	E3WQ4DL		E3WQ5		E3WQ5DL		E3WQ6		E3WQ7	
Sampling Location :	A4-MW130A-10021		A4-MW130B-10021		A4-MW130B-10021		A4-MW401A-10021		A4-MW401A-10021	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :			2/10/2010				2/11/2010		2/11/2010	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	100.0		1.0		25.0		1.0		1.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	50	U	0.50	U	13	U	0.50	U	0.50	U
Chloromethane	50	U	0.50	U	13	U	0.50	U	0.50	U
Vinyl chloride	50	U	0.50	U	13	U	0.50	U	0.50	U
Bromomethane	50	U	0.50	U	13	U	0.50	U	0.50	U
Chloroethane	50	U	0.50	U	13	U	0.50	U	0.50	U
Trichlorofluoromethane	50	U	0.17	J	13	U	0.13	J	0.50	U
1,1-Dichloroethene	50	U	6.1	J	13	U	1.5		0.50	U
1,1,2-Trichloro-1,2,2-trifluoro	50	U	0.50	U	13	U	0.50	U	0.50	U
Acetone	500	U	5.0	U	130	U	5.0	U	5.0	U
Carbon Disulfide	50	U	0.50	U	13	U	0.50	U	0.50	U
Methyl acetate	50	U	0.50	U	13	U	0.50	U	0.50	U
Methylene chloride	50	U	1.0	U	13	U	0.50	U	0.50	U
trans-1,2-Dichloroethene	50	U	0.21	J	13	U	0.18	J	0.19	J
Methyl tert-butyl ether	50	U	0.50	U	13	U	0.50	U	0.50	U
1,1-Dichloroethane	39	J	19		25		7.2		7.5	
cis-1,2-Dichloroethene	13	J	7.6	J	10	J	4.8		4.9	
2-Butanone	500	U	5.0	U	130	U	5.0	U	5.0	U
Bromochloromethane	50	U	0.50	U	13	U	0.50	U	0.50	U
Chloroform	50	U	0.50	U	13	U	0.50	U	0.50	U
1,1,1-Trichloroethane	580		230	J	260		8.7		8.9	
Cyclohexane	50	U	0.50	U	13	U	0.50	U	0.50	U
Carbon tetrachloride	50	U	0.50	U	13	U	0.50	U	0.50	U
Benzene	50	U	0.50	U	13	U	0.50	U	0.50	U
1,2-Dichloroethane	50	U	0.50	U	13	U	0.50	U	0.50	U
Trichloroethene	50	U	3.1		3.6	J	2.3		2.3	
Methylcyclohexane	50	U	0.50	U	13	U	0.50	U	0.50	U
1,2-Dichloropropane	50	U	0.50	U	13	U	0.50	U	0.50	U
Bromodichloromethane	50	U	0.50	U	13	U	0.50	U	0.50	U
cis-1,3-Dichloropropene	50	U	0.50	U	13	U	0.50	U	0.50	U
4-Methyl-2-pentanone	500	U	5.0	U	130	U	5.0	U	5.0	U
Toluene	50	U	0.50	U	13	U	0.50	U	0.50	U
trans-1,3-Dichloropropene	50	U	0.50	U	13	U	0.50	U	0.50	U
1,1,2-Trichloroethane	50	U	0.55		13	U	0.50	U	0.50	U

Analytical Results (Qualified Data)

Case #: 39470 SDG : E3WP2
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : A4
Reviewer :
Date :

Sample Number :	E3WQ4DL		E3WQ5		E3WQ5DL		E3WQ6		E3WQ7	
Sampling Location :	A4-MW130A-10021		A4-MW130B-10021		A4-MW130B-10021		A4-MW401A-10021		A4-MW401A-10021	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :			2/10/2010				2/11/2010		2/11/2010	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	100.0		1.0		25.0		1.0		1.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	50	U	0.52		13	U	0.22	J	0.23	J
2-Hexanone	500	U	5.0	U	130	U	5.0	U	5.0	U
Dibromochloromethane	50	U	0.50	U	13	U	0.50	U	0.50	U
1,2-Dibromoethane	50	U	0.50	U	13	U	0.50	U	0.50	U
Chlorobenzene	50	U	0.50	U	13	U	0.50	U	0.50	U
Ethylbenzene	50	U	0.50	U	13	U	0.50	U	0.50	U
o-Xylene	50	U	0.50	U	13	U	0.50	U	0.50	U
m,p-Xylene	50	U	0.50	U	13	U	0.50	U	0.50	U
Styrene	50	U	0.50	U	13	U	0.50	U	0.50	U
Bromoform	50	U	0.50	U	13	U	0.50	U	0.50	U
Isopropylbenzene	50	U	0.50	U	13	U	0.50	U	0.50	U
1,1,2,2-Tetrachloroethane	50	U	0.50	U	13	U	0.50	U	0.50	UJ
1,3-Dichlorobenzene	50	U	0.50	U	13	U	0.50	U	0.50	U
1,4-Dichlorobenzene	50	U	0.50	U	13	U	0.50	U	0.50	U
1,2-Dichlorobenzene	50	U	0.50	U	13	U	0.50	U	0.50	U
1,2-Dibromo-3-chloropropan	50	U	0.50	U	13	U	0.50	U	0.50	UJ
1,2,4-Trichlorobenzene	50	U	0.50	U	13	U	0.50	U	0.50	U
1,2,3-Trichlorobenzene	50	U	0.50	U	13	U	0.50	U	0.50	U

Analytical Results (Qualified Data)

Case #: 39470 SDG : E3WP2
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : A4
Reviewer :
Date :

Sample Number :	E3WQ8		E3WQ9		E3WR0		VBLK2Y		VBLK3A	
Sampling Location :	A4-MW401B-10021		A4-MW401B-10021		A4-TB01-100210					
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	2/10/2010		2/10/2010		2/10/2010					
Time Sampled :										
%Moisture :	N/A		N/A		N/A		0		0	
pH :	2.0		2.0		2.0					
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chloromethane	0.50	U	0.50	U	0.64		0.50	U	0.50	U
Vinyl chloride	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromomethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Trichlorofluoromethane	0.50	UJ	0.50	U	0.50	U	0.50	U	0.50	U
1,1-Dichloroethene	2.0		0.50	U	0.50	U	0.50	U	0.50	U
1,1,2-Trichloro-1,2,2-trifluoro	0.50	UJ	0.50	U	0.50	U	0.50	U	0.50	U
Acetone	5.0	U	5.0	U	4.0	J	5.0	U	5.0	U
Carbon Disulfide	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Methyl acetate	0.50	UJ	0.50	U	0.50	U	0.50	U	0.50	U
Methylene chloride	0.50	UJ	0.50	U	0.47	J	0.50	U	0.50	U
trans-1,2-Dichloroethene	0.27	J	0.27	J	0.50	U	0.50	U	0.50	U
Methyl tert-butyl ether	0.50	UJ	0.50	U	0.50	U	0.50	U	0.50	U
1,1-Dichloroethane	10		9.5		0.50	U	0.50	U	0.50	U
cis-1,2-Dichloroethene	7.1		6.7		0.50	U	0.50	U	0.50	U
2-Butanone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromochloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chloroform	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,1-Trichloroethane	12	J	10		0.50	U	0.50	U	0.50	U
Cyclohexane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Carbon tetrachloride	0.50	UJ	0.50	U	0.50	U	0.50	U	0.50	U
Benzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dichloroethane	0.50	UJ	0.50	U	0.50	U	0.50	U	0.50	U
Trichloroethene	3.7		3.3		0.50	U	0.50	U	0.50	U
Methylcyclohexane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dichloropropane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromodichloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
cis-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
4-Methyl-2-pentanone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Toluene	0.50	U	0.50	U	0.23	J	0.50	U	0.50	U
trans-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,2-Trichloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U

Case #: 39470 SDG : E3WP2

Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION

Lab. : A4

Reviewer :

Date :

Sample Number :	E3WQ8		E3WQ9		E3WR0		VBLK2Y		VBLK3A	
Sampling Location :	A4-MW401B-10021		A4-MW401B-10021		A4-TB01-100210					
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	2/10/2010		2/10/2010		2/10/2010					
Time Sampled :										
%Moisture :	N/A		N/A		N/A		0		0	
pH :	2.0		2.0		2.0					
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	0.38	J	0.33	J	0.50	U	0.50	U	0.50	U
2-Hexanone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dibromochloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dibromoethane	0.50	UJ	0.50	U	0.50	U	0.50	U	0.50	U
Chlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Ethylbenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
o-Xylene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
m,p-Xylene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Styrene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromoform	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Isopropylbenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,2,2-Tetrachloroethane	0.50	UJ	0.50	U	0.50	U	0.50	U	0.50	U
1,3-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,4-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dibromo-3-chloropropan	0.50	UJ	0.50	U	0.50	U	0.50	U	0.50	U
1,2,4-Trichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2,3-Trichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U

Case #: 39470 SDG : E3WP2
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : A4
Reviewer :
Date :

Sample Number :	VBLK58		VBLK60		VHBLK01					
Sampling Location :										
Matrix :	Water		Water		Water					
Units :	ug/L		ug/L		ug/L					
Date Sampled :										
Time Sampled :										
%Moisture :	0		0		N/A					
pH :					7.0					
Dilution Factor :	1.0		1.0		1.0					
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	0.50	U	0.50	U	0.50	U				
Chloromethane	0.50	U	0.50	U	0.50	U				
Vinyl chloride	0.50	U	0.50	U	0.50	U				
Bromomethane	0.50	U	0.50	U	0.50	U				
Chloroethane	0.50	U	0.50	U	0.50	U				
Trichlorofluoromethane	0.50	U	0.50	U	0.50	U				
1,1-Dichloroethene	0.50	U	0.50	U	0.50	U				
1,1,2-Trichloro-1,2,2-trifluoro	0.50	U	0.50	U	0.50	U				
Acetone	5.0	U	5.0	U	5.0	U				
Carbon Disulfide	0.50	U	0.50	U	0.50	U				
Methyl acetate	0.50	U	0.50	U	0.50	U				
Methylene chloride	0.50	U	0.50	U	0.50	U				
trans-1,2-Dichloroethene	0.50	U	0.50	U	0.50	U				
Methyl tert-butyl ether	0.50	U	0.50	U	0.50	U				
1,1-Dichloroethane	0.50	U	0.50	U	0.50	U				
cis-1,2-Dichloroethene	0.50	U	0.50	U	0.50	U				
2-Butanone	5.0	U	5.0	U	5.0	U				
Bromochloromethane	0.50	U	0.50	U	0.50	U				
Chloroform	0.50	U	0.50	U	0.50	U				
1,1,1-Trichloroethane	0.50	U	0.50	U	0.50	U				
Cyclohexane	0.50	U	0.50	U	0.50	U				
Carbon tetrachloride	0.50	U	0.50	U	0.50	U				
Benzene	0.50	U	0.50	U	0.50	U				
1,2-Dichloroethane	0.50	U	0.50	U	0.50	U				
Trichloroethene	0.50	U	0.50	U	0.50	U				
Methylcyclohexane	0.50	U	0.50	U	0.50	U				
1,2-Dichloropropane	0.50	U	0.50	U	0.50	U				
Bromodichloromethane	0.50	U	0.50	U	0.50	U				
cis-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U				
4-Methyl-2-pentanone	5.0	U	5.0	U	5.0	U				
Toluene	0.50	U	0.50	U	0.50	U				
trans-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U				
1,1,2-Trichloroethane	0.50	U	0.50	U	0.50	U				

Analytical Results (Qualified Data)

Case #: 39470 SDG : E3WP2
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : A4
Reviewer :
Date :

Sample Number :	VBLK58		VBLK60		VHBLK01					
Sampling Location :										
Matrix :	Water		Water		Water					
Units :	ug/L		ug/L		ug/L					
Date Sampled :										
Time Sampled :										
%Moisture :	0		0		N/A					
pH :					7.0					
Dilution Factor :	1.0		1.0		1.0					
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	0.50	U	0.50	U	0.50	U				
2-Hexanone	5.0	U	5.0	U	5.0	U				
Dibromochloromethane	0.50	U	0.50	U	0.50	U				
1,2-Dibromoethane	0.50	U	0.50	U	0.50	U				
Chlorobenzene	0.50	U	0.50	U	0.50	U				
Ethylbenzene	0.50	U	0.50	U	0.50	U				
o-Xylene	0.50	U	0.50	U	0.50	U				
m,p-Xylene	0.50	U	0.50	U	0.50	U				
Styrene	0.50	U	0.50	U	0.50	U				
Bromoform	0.50	U	0.50	U	0.50	U				
Isopropylbenzene	0.50	U	0.50	U	0.50	U				
1,1,2,2-Tetrachloroethane	0.50	U	0.50	U	0.50	U				
1,3-Dichlorobenzene	0.50	U	0.50	U	0.50	U				
1,4-Dichlorobenzene	0.50	U	0.50	U	0.50	U				
1,2-Dichlorobenzene	0.50	U	0.50	U	0.50	U				
1,2-Dibromo-3-chloropropan	0.50	U	0.50	U	0.50	U				
1,2,4-Trichlorobenzene	0.50	U	0.50	U	0.50	U				
1,2,3-Trichlorobenzene	0.50	U	0.50	U	0.50	U				

Appendix B – Analytical Data

Second Quarter, June 2010

Analytical Results (Qualified Data)

Case #: 40256
SDG : E5279
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : MITKEM
Reviewer :
Date :

Number of Soil Samples : 0
Number of Water Samples : 20
Number of Sediment Samples : 0

Sample Number :	E5279		E5280		E5280DL		E5281		E5281DL	
Sampling Location :	A4-EW001-10061		A4-EW002-10061		A4-EW002-10061		A4-EW003-10061		A4-EW003-10061	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	6/14/2010		6/14/2010				6/14/2010			
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	1.0		1.0		10.0		1.0		100.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	0.50	U	0.50	U	5.0	U	0.50	R	50	U
Chloromethane	0.50	U	0.50	U	5.0	U	0.50	R	50	U
Vinyl chloride	0.50	U	0.50	U	5.0	U	0.50	R	50	U
Bromomethane	0.50	U	0.50	U	5.0	U	0.50	R	50	U
Chloroethane	0.50	U	0.50	U	5.0	U	0.50	R	50	U
Trichlorofluoromethane	0.50	U	0.50	U	5.0	U	0.50	R	50	U
1,1-Dichloroethene	1.3		2.4	J	5.0	U	45	J	50	U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	0.50	U	5.0	U	0.50	R	50	U
Acetone	5.0	U	5.0	U	50	U	5.0	R	500	U
Carbon disulfide	0.50	U	0.50	U	5.0	U	0.50	R	50	U
Methyl acetate	0.50	U	0.50	U	5.0	U	0.50	R	50	U
Methylene chloride	0.50	U	0.50	U	5.0	U	0.50	R	50	U
trans-1,2-Dichloroethene	0.50	U	0.20	J	5.0	U	0.32	J	50	U
Methyl tert-butyl ether	0.50	U	0.50	U	5.0	U	0.50	R	50	U
1,1-Dichloroethane	4.5		7.9		2.1	J	41	J	50	U
cis-1,2-Dichloroethene	2.9		3.5	J	5.0	U	8.8	J	50	U
2-Butanone	5.0	U	5.0	U	50	U	5.0	R	500	U
Bromochloromethane	0.50	U	0.50	U	5.0	U	0.50	R	50	U
Chloroform	0.50	U	0.50	U	5.0	U	0.50	R	50	U
1,1,1-Trichloroethane	15		120	J	93		800	J	910	
Cyclohexane	0.50	U	0.50	U	5.0	U	0.50	UJ	50	U
Carbon tetrachloride	0.50	U	0.50	U	5.0	U	0.50	U	50	U
Benzene	0.50	U	0.50	U	5.0	U	0.50	UJ	50	U
1,2-Dichloroethane	0.50	U	0.50	U	5.0	U	0.50	R	50	U
Trichloroethene	1.7		1.8		5.0	U	3.3		50	U
Methylcyclohexane	0.50	U	0.50	U	5.0	U	0.50	UJ	50	U
1,2-Dichloropropane	0.50	U	0.50	U	5.0	U	0.50	UJ	50	U
Bromodichloromethane	0.50	U	0.50	U	5.0	U	0.50	UJ	50	U
cis-1,3-Dichloropropene	0.50	U	0.50	U	5.0	U	0.50	U	50	U
4-Methyl-2-pentanone	5.0	U	5.0	U	50	U	5.0	U	500	U
Toluene	0.50	U	0.50	U	5.0	U	0.50	U	50	U
trans-1,3-Dichloropropene	0.50	U	0.50	U	5.0	U	0.50	U	50	U
1,1,2-Trichloroethane	0.50	U	0.50	U	5.0	U	1.2		50	U

Analytical Results (Qualified Data)

Case #: 40256
SDG : E5279
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : MITKEM
Reviewer :
Date :

Sample Number :	E5279		E5280		E5280DL		E5281		E5281DL	
Sampling Location :	A4-EW001-10061		A4-EW002-10061		A4-EW002-10061		A4-EW003-10061		A4-EW003-10061	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	6/14/2010		6/14/2010				6/14/2010			
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	1.0		1.0		10.0		1.0		100.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	0.35	J	0.62		5.0	U	1.4		50	U
2-Hexanone	5.0	U	5.0	U	50	U	5.0	U	500	U
Dibromochloromethane	0.50	U	0.50	U	5.0	U	0.50	U	50	U
1,2-Dibromoethane	0.50	U	0.50	U	5.0	U	0.50	U	50	U
Chlorobenzene	0.50	U	0.50	U	5.0	U	0.50	U	50	U
Ethylbenzene	0.50	U	0.50	U	5.0	U	0.42	J	50	U
o-Xylene	0.50	U	0.50	U	5.0	U	1.4		50	U
m,p-Xylene	0.50	U	0.50	U	5.0	U	1.4		50	U
Styrene	0.50	U	0.50	U	5.0	U	0.50	U	50	U
Bromoform	0.50	U	0.50	U	5.0	U	0.50	U	50	U
Isopropylbenzene	0.50	U	0.22	J	5.0	U	0.41	J	50	U
1,1,2,2-Tetrachloroethane	0.50	U	0.50	U	5.0	U	0.50	U	50	U
1,3-Dichlorobenzene	0.50	U	0.50	U	5.0	U	0.50	U	50	U
1,4-Dichlorobenzene	0.50	U	0.50	U	5.0	U	0.50	U	50	U
1,2-Dichlorobenzene	0.50	U	0.50	U	5.0	U	0.50	U	50	U
1,2-Dibromo-3-chloropropane	0.50	U	0.50	U	5.0	U	0.50	U	50	U
1,2,4-Trichlorobenzene	0.50	U	0.50	U	5.0	U	0.50	U	50	U
1,2,3-Trichlorobenzene	0.50	U	0.50	U	5.0	U	0.50	U	50	U

Case #: 40256 SDG : E5279
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : MITKEM
Reviewer :
Date :

Sample Number :	E5282		E5283		E5284		E5285		E5286	
Sampling Location :	A4-FB01-100614		A4-FB02-100615		A4-MLW01A-100		A4-MLW01B-100		A4-MLW01C-100	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	6/14/2010		6/15/2010		6/14/2010		6/14/2010		6/15/2010	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Vinyl chloride	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromomethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Trichlorofluoromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1-Dichloroethene	0.50	U	0.50	U	0.70		0.95	J	1.0	J
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Acetone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Carbon disulfide	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Methyl acetate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Methylene chloride	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
trans-1,2-Dichloroethene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Methyl tert-butyl ether	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1-Dichloroethane	0.50	U	0.50	U	4.3		4.1		4.3	
cis-1,2-Dichloroethene	0.50	U	0.50	U	2.8		2.7	J	2.8	J
2-Butanone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromochloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chloroform	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,1-Trichloroethane	0.50	U	0.50	U	4.1		5.3		5.1	
Cyclohexane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Carbon tetrachloride	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Benzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dichloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Trichloroethene	0.50	U	0.50	U	0.99		1.7		1.7	
Methylcyclohexane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dichloropropane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromodichloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
cis-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
4-Methyl-2-pentanone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Toluene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
trans-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,2-Trichloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U

Case #: 40256
SDG : E5279
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : MITKEM
Reviewer :
Date :

Sample Number :	E5282		E5283		E5284		E5285		E5286	
Sampling Location :	A4-FB01-100614		A4-FB02-100615		A4-MLW01A-100		A4-MLW01B-100		A4-MLW01C-100	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	6/14/2010		6/15/2010		6/14/2010		6/14/2010		6/15/2010	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	0.50	U	0.50	U	0.50	U	0.32	J	0.42	J
2-Hexanone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dibromochloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dibromoethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Ethylbenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
o-Xylene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
m,p-Xylene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Styrene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromoform	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Isopropylbenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,2,2-Tetrachloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,3-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,4-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dibromo-3-chloropropane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2,4-Trichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2,3-Trichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U

Case #: 40256 SDG : E5279
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : MITKEM
Reviewer :
Date :

Sample Number :	E5287		E5288		E5288DL		E5289		E5289DL	
Sampling Location :	A4-MLW01D-100		A4-MLW01E-100		A4-MLW01E-100		A4-MW022A-100		A4-MW022A-100	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	6/15/2010		6/15/2010				6/14/2010			
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	1.0		1.0		160.0		1.0		2.5	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	0.50	U	0.50	R	80	U	0.50	U	1.3	U
Chloromethane	0.50	U	0.50	R	80	U	0.50	U	1.3	U
Vinyl chloride	0.50	U	0.50	R	80	U	0.50	U	1.3	U
Bromomethane	0.50	U	0.50	R	80	U	0.50	U	1.3	U
Chloroethane	0.50	U	0.50	R	80	U	0.50	U	1.3	U
Trichlorofluoromethane	0.50	U	0.50	R	80	U	0.50	U	1.3	U
1,1-Dichloroethene	1.2	J	92	J	38	J	1.0		1.6	J
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	0.50	R	80	U	0.50	U	1.3	U
Acetone	5.0	U	5.0	R	800	U	5.0	U	13	U
Carbon disulfide	0.50	U	0.50	R	80	U	0.50	U	1.3	U
Methyl acetate	0.50	U	20	J	80	U	0.50	U	1.3	U
Methylene chloride	0.50	U	0.50	R	80	U	0.50	U	1.3	U
trans-1,2-Dichloroethene	0.50	U	0.50	R	80	U	0.50	U	1.3	U
Methyl tert-butyl ether	0.50	U	0.50	R	80	U	0.50	U	1.3	U
1,1-Dichloroethane	4.4		81	J	80	U	1.3		1.4	
cis-1,2-Dichloroethene	2.8	J	33	J	80	U	0.77		0.72	J
2-Butanone	5.0	U	11	J	800	U	5.0	U	13	U
Bromochloromethane	0.50	U	0.50	R	80	U	0.50	U	1.3	U
Chloroform	0.50	U	0.50	R	80	U	0.50	U	1.3	U
1,1,1-Trichloroethane	5.6		1100	J	1800		39	J	48	
Cyclohexane	0.50	U	0.50	UJ	80	U	0.50	U	1.3	U
Carbon tetrachloride	0.50	U	0.50	U	80	U	0.50	U	1.3	U
Benzene	0.50	U	0.50	UJ	80	U	0.50	U	1.3	U
1,2-Dichloroethane	0.50	U	0.50	R	80	U	0.50	U	1.3	U
Trichloroethene	1.6		1.5		80	U	0.73		0.91	J
Methylcyclohexane	0.50	U	0.50	UJ	80	U	0.50	U	1.3	U
1,2-Dichloropropane	0.50	U	0.50	UJ	80	U	0.50	U	1.3	U
Bromodichloromethane	0.50	U	0.50	UJ	80	U	0.50	U	1.3	U
cis-1,3-Dichloropropene	0.50	U	0.50	U	80	U	0.50	U	1.3	U
4-Methyl-2-pentanone	5.0	U	5.0	U	800	U	5.0	U	13	U
Toluene	0.50	U	0.92		80	U	0.50	U	1.3	U
trans-1,3-Dichloropropene	0.50	U	0.50	U	80	U	0.50	U	1.3	U
1,1,2-Trichloroethane	0.50	U	0.50	U	80	U	0.50	U	1.3	U

Case #: 40256 SDG : E5279
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : MITKEM
Reviewer :
Date :

Sample Number :	E5287		E5288		E5288DL		E5289		E5289DL	
Sampling Location :	A4-MLW01D-100		A4-MLW01E-100		A4-MLW01E-100		A4-MW022A-100		A4-MW022A-100	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	6/15/2010		6/15/2010				6/14/2010			
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	1.0		1.0		160.0		1.0		2.5	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	0.39	J	16		80	U	0.50	U	1.3	U
2-Hexanone	5.0	U	5.0	U	800	U	5.0	U	13	U
Dibromochloromethane	0.50	U	0.50	U	80	U	0.50	U	1.3	U
1,2-Dibromoethane	0.50	U	0.50	U	80	U	0.50	U	1.3	U
Chlorobenzene	0.50	U	0.50	U	80	U	0.50	U	1.3	U
Ethylbenzene	0.50	U	9.4		80	U	0.50	U	1.3	U
o-Xylene	0.50	U	19		80	U	0.50	U	1.3	U
m,p-Xylene	0.50	U	24	J	80	U	0.50	U	1.3	U
Styrene	0.50	U	0.50	U	80	U	0.50	U	1.3	U
Bromoform	0.50	U	0.50	U	80	U	0.50	U	1.3	U
Isopropylbenzene	0.50	U	5.1		80	U	0.50	U	1.3	U
1,1,2,2-Tetrachloroethane	0.50	U	0.50	U	80	U	0.50	U	1.3	U
1,3-Dichlorobenzene	0.50	U	0.50	U	80	U	0.50	U	1.3	U
1,4-Dichlorobenzene	0.50	U	0.50	U	80	U	0.50	U	1.3	U
1,2-Dichlorobenzene	0.50	U	0.49	J	80	U	0.50	U	1.3	U
1,2-Dibromo-3-chloropropane	0.50	U	0.50	U	80	U	0.50	U	1.3	U
1,2,4-Trichlorobenzene	0.50	U	0.50	U	80	U	0.50	U	1.3	U
1,2,3-Trichlorobenzene	0.50	U	0.50	U	80	U	0.50	U	1.3	U

Case #: 40256 SDG : E5279
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : MITKEM
Reviewer :
Date :

Sample Number :	E5290		E5290MS		E5290MSD		E5291		E5292	
Sampling Location :	A4-MW022B-100		A4-MW022B-100		A4-MW022B-100		A4-MW032-1006		A4-MW130A-100	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	6/14/2010						6/14/2010		6/15/2010	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	R
Chloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	R
Vinyl chloride	0.50	U	0.50	U	0.50	U	0.50	U	0.50	R
Bromomethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	R
Chloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	R
Trichlorofluoromethane	0.50	U	0.32	J	0.38	J	0.50	U	0.50	R
1,1-Dichloroethene	1.0		5.7		5.7		2.6		26	J
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	R
Acetone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	R
Carbon disulfide	0.50	U	0.50	U	0.50	U	0.50	U	0.50	R
Methyl acetate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	R
Methylene chloride	0.50	U	0.50	U	0.50	U	0.50	U	0.50	R
trans-1,2-Dichloroethene	0.50	U	0.50	U	0.50	U	0.32	J	0.50	R
Methyl tert-butyl ether	0.50	U	0.50	U	0.50	U	0.50	U	0.50	R
1,1-Dichloroethane	4.0		3.9		3.9		9.3		57	J
cis-1,2-Dichloroethene	3.1		3.0		3.1		5.9		15	J
2-Butanone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	R
Bromochloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	R
Chloroform	0.50	U	0.50	U	0.50	U	0.50	U	0.50	R
1,1,1-Trichloroethane	5.0		4.8		5.1		11		510	J
Cyclohexane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	UJ
Carbon tetrachloride	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Benzene	0.50	U	4.6		4.8		0.50	U	0.50	UJ
1,2-Dichloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	R
Trichloroethene	1.4		6.3		6.5		5.4		2.5	
Methylcyclohexane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	UJ
1,2-Dichloropropane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	UJ
Bromodichloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	UJ
cis-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
4-Methyl-2-pentanone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Toluene	0.50	U	5.0		5.0		0.50	U	0.50	U
trans-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,2-Trichloroethane	0.50	U	0.50	U	0.50	U	0.50	U	1.6	

Case #: 40256 SDG : E5279
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : MITKEM
Reviewer :
Date :

Sample Number :	E5290		E5290MS		E5290MSD		E5291		E5292	
Sampling Location :	A4-MW022B-100		A4-MW022B-100		A4-MW022B-100		A4-MW032-1006		A4-MW130A-100	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	6/14/2010						6/14/2010		6/15/2010	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	0.30	J	0.29	J	0.25	J	0.47	J	0.78	
2-Hexanone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dibromochloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dibromoethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chlorobenzene	0.50	U	4.8		5.0		0.50	U	0.50	U
Ethylbenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
o-Xylene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
m,p-Xylene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Styrene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromoform	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Isopropylbenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,2,2-Tetrachloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,3-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,4-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dibromo-3-chloropropane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2,4-Trichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2,3-Trichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U

Case #: 40256 SDG : E5279
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : MITKEM
Reviewer :
Date :

Sample Number :	E5292DL		E5293		E5293DL		E5294		E5294DL	
Sampling Location :	A4-MW130A-100		A4-MW130B-100		A4-MW130B-100		A4-MW130B-100		A4-MW130B-100	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :			6/15/2010				6/15/2010			
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	40.0		1.0		8.0		1.0		8.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	20	U	0.50	U	4.0	U	0.50	U	4.0	U
Chloromethane	20	U	0.50	U	4.0	U	0.50	U	4.0	U
Vinyl chloride	20	U	0.50	U	4.0	U	0.50	U	4.0	U
Bromomethane	20	U	0.50	U	4.0	U	0.50	U	4.0	U
Chloroethane	20	U	0.50	U	4.0	U	0.50	U	4.0	U
Trichlorofluoromethane	20	U	0.50	U	4.0	U	0.50	U	4.0	U
1,1-Dichloroethene	12	J	3.0	J	2.6	J	3.2	J	2.0	J
1,1,2-Trichloro-1,2,2-trifluoroethane	20	U	0.50	U	4.0	U	0.50	U	4.0	U
Acetone	200	U	5.0	U	40	U	5.0	U	40	U
Carbon disulfide	20	U	0.50	U	4.0	U	0.50	U	4.0	U
Methyl acetate	20	U	0.50	U	4.0	U	0.50	U	4.0	U
Methylene chloride	20	U	0.50	U	4.0	U	0.50	U	4.0	U
trans-1,2-Dichloroethene	20	U	0.50	U	4.0	U	0.50	U	4.0	U
Methyl tert-butyl ether	20	U	0.50	U	4.0	U	0.50	U	4.0	U
1,1-Dichloroethane	31		10		6.9		10		6.4	
cis-1,2-Dichloroethene	8.3	J	4.7	J	4.0	U	4.7	J	4.0	U
2-Butanone	200	U	5.0	U	40	U	5.0	U	40	U
Bromochloromethane	20	U	0.50	U	4.0	U	0.50	U	4.0	U
Chloroform	20	U	0.50	U	4.0	U	0.50	U	4.0	U
1,1,1-Trichloroethane	520		85	J	110		88	J	100	
Cyclohexane	20	U	0.50	U	4.0	U	0.50	U	4.0	U
Carbon tetrachloride	20	U	0.50	U	4.0	U	0.50	U	4.0	U
Benzene	20	U	0.50	U	4.0	U	0.50	U	4.0	U
1,2-Dichloroethane	20	U	0.50	U	4.0	U	0.50	U	4.0	U
Trichloroethene	20	U	1.9		4.0	U	1.8		4.0	U
Methylcyclohexane	20	U	0.50	U	4.0	U	0.50	U	4.0	U
1,2-Dichloropropane	20	U	0.50	U	4.0	U	0.50	U	4.0	U
Bromodichloromethane	20	U	0.50	U	4.0	U	0.50	U	4.0	U
cis-1,3-Dichloropropene	20	U	0.50	U	4.0	U	0.50	U	4.0	U
4-Methyl-2-pentanone	200	U	5.0	U	40	U	5.0	U	40	U
Toluene	20	U	0.50	U	4.0	U	0.50	U	4.0	U
trans-1,3-Dichloropropene	20	U	0.50	U	4.0	U	0.50	U	4.0	U
1,1,2-Trichloroethane	20	U	0.27	J	4.0	U	0.50	U	4.0	U

Case #: 40256 SDG : E5279
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : MITKEM
Reviewer :
Date :

Sample Number :	E5292DL		E5293		E5293DL		E5294		E5294DL	
Sampling Location :	A4-MW130A-100		A4-MW130B-100		A4-MW130B-100		A4-MW130B-100		A4-MW130B-100	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :			6/15/2010				6/15/2010			
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2.0		2.0		2.0		2.0		2.0	
Dilution Factor :	40.0		1.0		8.0		1.0		8.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	20	U	0.36	J	4.0	U	0.33	J	4.0	U
2-Hexanone	200	U	5.0	U	40	U	5.0	U	40	U
Dibromochloromethane	20	U	0.50	U	4.0	U	0.50	U	4.0	U
1,2-Dibromoethane	20	U	0.50	U	4.0	U	0.50	U	4.0	U
Chlorobenzene	20	U	0.50	U	4.0	U	0.50	U	4.0	U
Ethylbenzene	20	U	0.50	U	4.0	U	0.50	U	4.0	U
o-Xylene	20	U	0.50	U	4.0	U	0.50	U	4.0	U
m,p-Xylene	20	U	0.50	U	4.0	U	0.50	U	4.0	U
Styrene	20	U	0.50	U	4.0	U	0.50	U	4.0	U
Bromoform	20	U	0.50	U	4.0	U	0.50	U	4.0	U
Isopropylbenzene	20	U	0.50	U	4.0	U	0.50	U	4.0	U
1,1,2,2-Tetrachloroethane	20	U	0.50	U	4.0	U	0.50	U	4.0	U
1,3-Dichlorobenzene	20	U	0.50	U	4.0	U	0.50	U	4.0	U
1,4-Dichlorobenzene	20	U	0.50	U	4.0	U	0.50	U	4.0	U
1,2-Dichlorobenzene	20	U	0.50	U	4.0	U	0.50	U	4.0	U
1,2-Dibromo-3-chloropropane	20	U	0.50	U	4.0	U	0.50	U	4.0	U
1,2,4-Trichlorobenzene	20	U	0.50	U	4.0	U	0.50	U	4.0	U
1,2,3-Trichlorobenzene	20	U	0.50	U	4.0	U	0.50	U	4.0	U

Case #: 40256 SDG : E5279
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : MITKEM
Reviewer :
Date :

Sample Number :	E5295		E5296		E5297		E5298		VBLK5M	
Sampling Location :	A4-MW401A-100		A4-MW401A-100		A4-MW401B-100		A4-TB01-100614			
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	6/14/2010		6/14/2010		6/14/2010		6/14/2010			
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2.0		2.0		2.0		2.0		7.0	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Vinyl chloride	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromomethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Trichlorofluoromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1-Dichloroethene	1.1		1.3	J	1.0		0.50	U	0.50	U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Acetone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Carbon disulfide	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Methyl acetate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Methylene chloride	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
trans-1,2-Dichloroethene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Methyl tert-butyl ether	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1-Dichloroethane	4.8		5.0		5.2		0.50	U	0.50	U
cis-1,2-Dichloroethene	3.3		3.6	J	3.8		0.50	U	0.50	U
2-Butanone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromochloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chloroform	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,1-Trichloroethane	5.9		5.9		6.1		0.50	U	0.50	U
Cyclohexane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Carbon tetrachloride	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Benzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dichloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Trichloroethene	2.0		1.8		1.8		0.50	U	0.50	U
Methylcyclohexane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dichloropropane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromodichloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
cis-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
4-Methyl-2-pentanone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Toluene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
trans-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,2-Trichloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U

Case #: 40256 SDG : E5279
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : MITKEM
Reviewer :
Date :

Sample Number :	E5295		E5296		E5297		E5298		VBLK5M	
Sampling Location :	A4-MW401A-100		A4-MW401A-100		A4-MW401B-100		A4-TB01-100614			
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	6/14/2010		6/14/2010		6/14/2010		6/14/2010			
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2.0		2.0		2.0		2.0		7.0	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	0.27	J	0.25	J	0.50	U	0.50	U	0.50	U
2-Hexanone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dibromochloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dibromoethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Ethylbenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
o-Xylene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
m,p-Xylene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Styrene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromoform	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Isopropylbenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,2,2-Tetrachloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,3-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,4-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dibromo-3-chloropropane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2,4-Trichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2,3-Trichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U

Case #: 40256 SDG : E5279
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : MITKEM
Reviewer :
Date :

Sample Number :	VBLK5N		VBLK5O		VHBLK5O					
Sampling Location :										
Matrix :	Water		Water		Water					
Units :	ug/L		ug/L		ug/L					
Date Sampled :										
Time Sampled :										
%Moisture :	N/A		N/A		N/A					
pH :	7.0		7.0		7.0					
Dilution Factor :	1.0		1.0		1.0					
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	0.50	U	0.50	U	0.50	U				
Chloromethane	0.50	U	0.50	U	0.50	U				
Vinyl chloride	0.50	U	0.50	U	0.50	U				
Bromomethane	0.50	U	0.50	U	0.50	U				
Chloroethane	0.50	U	0.50	U	0.50	U				
Trichlorofluoromethane	0.50	U	0.50	U	0.50	U				
1,1-Dichloroethene	0.50	U	0.50	U	0.50	U				
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	0.50	U	0.50	U				
Acetone	5.0	U	5.0	U	5.0	U				
Carbon disulfide	0.50	U	0.50	U	0.50	U				
Methyl acetate	0.50	U	0.50	U	0.50	U				
Methylene chloride	0.50	U	0.50	U	0.50	U				
trans-1,2-Dichloroethene	0.50	U	0.50	U	0.50	U				
Methyl tert-butyl ether	0.50	U	0.50	U	0.50	U				
1,1-Dichloroethane	0.50	U	0.50	U	0.50	U				
cis-1,2-Dichloroethene	0.50	U	0.50	U	0.50	U				
2-Butanone	5.0	U	5.0	U	5.0	U				
Bromochloromethane	0.50	U	0.50	U	0.50	U				
Chloroform	0.50	U	0.50	U	0.50	U				
1,1,1-Trichloroethane	0.50	U	0.50	U	0.50	U				
Cyclohexane	0.50	U	0.50	U	0.50	U				
Carbon tetrachloride	0.50	U	0.50	U	0.50	U				
Benzene	0.50	U	0.50	U	0.50	U				
1,2-Dichloroethane	0.50	U	0.50	U	0.50	U				
Trichloroethene	0.50	U	0.50	U	0.50	U				
Methylcyclohexane	0.50	U	0.50	U	0.50	U				
1,2-Dichloropropane	0.50	U	0.50	U	0.50	U				
Bromodichloromethane	0.50	U	0.50	U	0.50	U				
cis-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U				
4-Methyl-2-pentanone	5.0	U	5.0	U	5.0	U				
Toluene	0.50	U	0.50	U	0.50	U				
trans-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U				
1,1,2-Trichloroethane	0.50	U	0.50	U	0.50	U				

Case #: 40256 SDG : E5279
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : MITKEM
Reviewer :
Date :

Sample Number :	VBLK5N		VBLK5O		VHBLK5O					
Sampling Location :										
Matrix :	Water		Water		Water					
Units :	ug/L		ug/L		ug/L					
Date Sampled :										
Time Sampled :										
%Moisture :	N/A		N/A		N/A					
pH :	7.0		7.0		7.0					
Dilution Factor :	1.0		1.0		1.0					
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	0.50	U	0.50	U	0.50	U				
2-Hexanone	5.0	U	5.0	U	5.0	U				
Dibromochloromethane	0.50	U	0.50	U	0.50	U				
1,2-Dibromoethane	0.50	U	0.50	U	0.50	U				
Chlorobenzene	0.50	U	0.50	U	0.50	U				
Ethylbenzene	0.50	U	0.50	U	0.50	U				
o-Xylene	0.50	U	0.50	U	0.50	U				
m,p-Xylene	0.50	U	0.50	U	0.50	U				
Styrene	0.50	U	0.50	U	0.50	U				
Bromoform	0.50	U	0.50	U	0.50	U				
Isopropylbenzene	0.50	U	0.50	U	0.50	U				
1,1,2,2-Tetrachloroethane	0.50	U	0.50	U	0.50	U				
1,3-Dichlorobenzene	0.50	U	0.50	U	0.50	U				
1,4-Dichlorobenzene	0.50	U	0.50	U	0.50	U				
1,2-Dichlorobenzene	0.50	U	0.50	U	0.50	U				
1,2-Dibromo-3-chloropropane	0.50	U	0.50	U	0.50	U				
1,2,4-Trichlorobenzene	0.50	U	0.50	U	0.50	U				
1,2,3-Trichlorobenzene	0.50	U	0.50	U	0.50	U				

Appendix B – Analytical Data

Third Quarter, October 2010

Analytical Results (Qualified Data)

Case #: 40644
Site :
Lab. :
Reviewer :
Date :

SDG : E52A0
SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
SHEALY

Sample Number :	E52B0		E52B1	
Sampling Location :	A4-EW002-101007		A4-EW003-101007	
Matrix :	Water		Water	
Units :	ug/L		ug/L	
Date Sampled :	10/7/2010		10/7/2010	
Time Sampled :				
%Moisture :	N/A		N/A	
pH :	2		2	
Dilution Factor :	1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag
Dichlorodifluoromethane	5.0	U	5.0	U
Chloromethane	5.0	U	5.0	U
Vinyl chloride	5.0	U	5.0	U
Bromomethane	5.0	U	5.0	U
Chloroethane	5.0	U	5.0	U
Trichlorofluoromethane	5.0	U	5.0	U
1,1-Dichloroethene	5.0	U	26	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	U
Acetone	20	U	20	UJ
Carbon Disulfide	5.0	U	5.0	U
Methyl acetate	5.0	U	5.0	U
Methylene chloride	5.0	U	5.0	U
trans-1,2-Dichloroethene	5.0	U	5.0	U
Methyl tert-butyl ether	5.0	U	5.0	U
1,1-Dichloroethane	15		42	
cis-1,2-Dichloroethene	6.0		8.2	
2-Butanone	10	U	10	UJ
Bromochloromethane	5.0	U	5.0	U
Chloroform	5.0	U	5.0	U
1,1,1-Trichloroethane	280	J	1500	J
Cyclohexane	5.0	U	5.0	U
Carbon tetrachloride	5.0	U	5.0	U
Benzene	5.0	U	5.0	U
1,2-Dichloroethane	5.0	U	5.0	U
1,4-Dioxane	8.0	J	7.5	J
Trichloroethene	3.6	J	10	
Methylcyclohexane	5.0	U	5.0	U
1,2-Dichloropropane	5.0	U	5.0	U
Bromodichloromethane	5.0	U	5.0	U
cis-1,3-Dichloropropene	5.0	U	5.0	U
4-Methyl-2-pentanone	10	U	10	U
Toluene	5.0	U	0.54	J
trans-1,3-Dichloropropene	5.0	U	5.0	U

Case #: 40644
Site :
Lab. :
Reviewer :
Date :

Sample Number :							E52B0		E52B1	
Sampling Location :							A4-EW002-101007		A4-EW003-101007	
Matrix :							Water		Water	
Units :							ug/L		ug/L	
Date Sampled :							10/7/2010		10/7/2010	
Time Sampled :										
%Moisture :							N/A		N/A	
pH :							2		2	
Dilution Factor :							1.0		1.0	
Volatile Compound							Result	Flag	Result	Flag
1,1,2-Trichloroethane							5.0	U	2.1	J
Tetrachloroethene							0.82	J	2.5	J
2-Hexanone							10	U	10	U
Dibromochloromethane							5.0	U	5.0	U
1,2-Dibromoethane							5.0	U	5.0	U
Chlorobenzene							5.0	U	5.0	U
Ethylbenzene							5.0	U	0.76	J
o-Xylene							5.0	U	2.5	J
m,p-Xylene							5.0	U	2.4	J
Styrene							5.0	U	5.0	U
Bromoform							5.0	U	5.0	U
Isopropylbenzene							5.0	U	0.67	J
1,1,2,2-Tetrachloroethane							5.0	U	5.0	U
1,3-Dichlorobenzene							5.0	U	5.0	U
1,4-Dichlorobenzene							5.0	U	5.0	U
1,2-Dichlorobenzene							5.0	U	5.0	U
1,2-Dibromo-3-chloropropane							5.0	U	5.0	U
1,2,4-Trichlorobenzene							5.0	U	5.0	U
1,2,3-Trichlorobenzene							5.0	U	5.0	U

Case #: 40644
SDG : E52A0
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E52B2		E52B3		E52B4		E52B5		E52B6	
Sampling Location :	A4-FB001-101006		A4-FB002-101007		A4-MLW01A-1010		A4-MLW01B-1010		A4-MLW01C-1010	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	10/6/2010		10/7/2010		10/7/2010		10/7/2010		10/7/2010	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U
Chloromethane	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U
Vinyl chloride	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromomethane	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U
Chloroethane	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U
Trichlorofluoromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Acetone	6.1	J	3.7	J	20	U	20	U	20	U
Carbon Disulfide	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U
Methyl acetate	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methylene chloride	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
trans-1,2-Dichloroethene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methyl tert-butyl ether	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethane	5.0	U	5.0	U	6.9		6.5		6.6	
cis-1,2-Dichloroethene	5.0	U	5.0	U	4.5	J	4.7	J	4.7	J
2-Butanone	10	U	10	U	10	U	10	U	10	U
Bromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloroform	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,1-Trichloroethane	5.0	U	5.0	U	6.5		7.6		7.9	
Cyclohexane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Carbon tetrachloride	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Benzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dioxane	100	R	100	R	12	J	100	R	8.5	J
Trichloroethene	5.0	U	5.0	U	1.6	J	2.8	J	2.7	J
Methylcyclohexane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichloropropane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromodichloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
cis-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-Methyl-2-pentanone	10	U	10	U	10	U	10	U	10	U
Toluene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
trans-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U

Case #: 40644 SDG : E52A0
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E52B2		E52B3		E52B4		E52B5		E52B6	
Sampling Location :	A4-FB001-101006		A4-FB002-101007		A4-MLW01A-1010		A4-MLW01B-1010		A4-MLW01C-1010	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	10/6/2010		10/7/2010		10/7/2010		10/7/2010		10/7/2010	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Tetrachloroethene	5.0	U	5.0	U	5.0	U	0.55	J	0.57	J
2-Hexanone	10	U	10	U	10	U	10	U	10	U
Dibromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromoethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Ethylbenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
o-Xylene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
m,p-Xylene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Styrene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromoform	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Isopropylbenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,3-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromo-3-chloropropane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2,4-Trichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2,3-Trichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U

Analytical Results (Qualified Data)

Case #: 40644
SDG : E52A0
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E52B7		E52B8		E52B9		VBLKVK		VBLKVM	
Sampling Location :	A4-MLW01D-1010		A4-MLW01E-1010		A4-MW022A-1010					
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	10/7/2010		10/7/2010		10/7/2010					
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2					
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Vinyl chloride	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromomethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Trichlorofluoromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethene	5.0	U	15		5.0	U	5.0	U	5.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Acetone	20	U	20	U	10	U	10	U	0.57	J
Carbon Disulfide	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methyl acetate	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methylene chloride	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
trans-1,2-Dichloroethene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methyl tert-butyl ether	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethane	7.3		38		1.4	J	5.0	U	5.0	U
cis-1,2-Dichloroethene	5.0	J	15		0.89	J	5.0	U	5.0	U
2-Butanone	10	U	4.0	J	10	U	10	U	10	U
Bromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloroform	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,1-Trichloroethane	8.1		840	J	48		5.0	U	5.0	U
Cyclohexane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Carbon tetrachloride	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Benzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dioxane	6.6	J	5.3	J	100	R	100	R	100	R
Trichloroethene	2.7	J	2.5	J	0.66	J	5.0	U	5.0	U
Methylcyclohexane	5.0	U	1.2	J	5.0	U	5.0	U	5.0	U
1,2-Dichloropropane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromodichloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
cis-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-Methyl-2-pentanone	10	U	10	U	10	U	10	U	10	U
Toluene	5.0	U	0.71	J	5.0	U	5.0	U	5.0	U
trans-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U

Case #: 40644
SDG : E52A0
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E52B7		E52B8		E52B9		VBLKVK		VBLKVM	
Sampling Location :	A4-MLW01D-1010		A4-MLW01E-1010		A4-MW022A-1010					
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	10/7/2010		10/7/2010		10/7/2010					
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2					
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Tetrachloroethene	0.55	J	30		5.0	U	5.0	U	5.0	U
2-Hexanone	10	U	10	U	10	U	10	U	10	U
Dibromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromoethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Ethylbenzene	5.0	U	15		5.0	U	5.0	U	5.0	U
o-Xylene	5.0	U	27		5.0	U	5.0	U	5.0	U
m,p-Xylene	5.0	U	34		5.0	U	5.0	U	5.0	U
Styrene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromoform	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Isopropylbenzene	5.0	U	9.7		5.0	U	5.0	U	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,3-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichlorobenzene	5.0	U	0.93	J	5.0	U	5.0	U	5.0	U
1,2-Dibromo-3-chloropropane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2,4-Trichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2,3-Trichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U

Case #: 40644 SDG : E52A0
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	VBLKWM		VHBLK01							
Sampling Location :										
Matrix :	Water		Water							
Units :	ug/L		ug/L							
Date Sampled :										
Time Sampled :										
%Moisture :	N/A		N/A							
pH :										
Dilution Factor :	1.0		1.0							
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	5.0	U	5.0	U						
Chloromethane	5.0	U	5.0	U						
Vinyl chloride	5.0	U	5.0	U						
Bromomethane	5.0	U	5.0	U						
Chloroethane	5.0	U	5.0	U						
Trichlorofluoromethane	5.0	U	5.0	U						
1,1-Dichloroethene	5.0	U	5.0	U						
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	U						
Acetone	10	U	10	U						
Carbon Disulfide	5.0	U	5.0	U						
Methyl acetate	5.0	U	5.0	U						
Methylene chloride	5.0	U	5.0	U						
trans-1,2-Dichloroethene	5.0	U	5.0	U						
Methyl tert-butyl ether	5.0	U	5.0	U						
1,1-Dichloroethane	5.0	U	5.0	U						
cis-1,2-Dichloroethene	5.0	U	5.0	U						
2-Butanone	10	U	10	U						
Bromochloromethane	5.0	U	5.0	U						
Chloroform	5.0	U	5.0	U						
1,1,1-Trichloroethane	5.0	U	5.0	U						
Cyclohexane	5.0	U	5.0	U						
Carbon tetrachloride	5.0	U	5.0	U						
Benzene	5.0	U	5.0	U						
1,2-Dichloroethane	5.0	U	5.0	U						
1,4-Dioxane	100	R	100	R						
Trichloroethene	5.0	U	5.0	U						
Methylcyclohexane	5.0	U	5.0	U						
1,2-Dichloropropane	5.0	U	5.0	U						
Bromodichloromethane	5.0	U	5.0	U						
cis-1,3-Dichloropropene	5.0	U	5.0	U						
4-Methyl-2-pentanone	10	U	10	U						
Toluene	5.0	U	5.0	U						
trans-1,3-Dichloropropene	5.0	U	5.0	U						

Case #: 40644 SDG : E52A0
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	VBLKWM		VHBLK01							
Sampling Location :										
Matrix :	Water		Water							
Units :	ug/L		ug/L							
Date Sampled :										
Time Sampled :										
%Moisture :	N/A		N/A							
pH :										
Dilution Factor :	1.0		1.0							
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	5.0	U						
Tetrachloroethene	5.0	U	5.0	U						
2-Hexanone	10	U	10	U						
Dibromochloromethane	5.0	U	5.0	U						
1,2-Dibromoethane	5.0	U	5.0	U						
Chlorobenzene	5.0	U	5.0	U						
Ethylbenzene	5.0	U	5.0	U						
o-Xylene	5.0	U	5.0	U						
m,p-Xylene	5.0	U	5.0	U						
Styrene	5.0	U	5.0	U						
Bromoform	5.0	U	5.0	U						
Isopropylbenzene	5.0	U	5.0	U						
1,1,2,2-Tetrachloroethane	5.0	U	5.0	U						
1,3-Dichlorobenzene	5.0	U	5.0	U						
1,4-Dichlorobenzene	5.0	U	5.0	U						
1,2-Dichlorobenzene	5.0	U	5.0	U						
1,2-Dibromo-3-chloropropane	5.0	U	5.0	U						
1,2,4-Trichlorobenzene	5.0	U	5.0	U						
1,2,3-Trichlorobenzene	5.0	U	5.0	U						

Analytical Results (Qualified Data)

Case #: 40644
SDG : E52C0
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Number of Soil Samples : 0
Lab. : SHEALY
Number of Water Samples : 9
Reviewer :
Number of Sediment Samples : 0
Date :

Sample Number :	E52C0		E52C1		E52C2		E52C3		E52C4	
Sampling Location :	A4-MW022A-1010		A4-MW022B-1010		A4-MW130A-1010		A4-MW130B-1010		A4-MW032-101006	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	10/7/2010		10/6/2010		10/7/2010		10/7/2010		10/6/2010	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	5.0	U	5.9		0.58	J	2.6	J	5.0	U
Chloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Vinyl chloride	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromomethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Trichlorofluoromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethene	5.0	U	5.0	U	18		5.0	U	5.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Acetone	10	U	20	U	20	U	20	U	20	U
Carbon Disulfide	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methyl acetate	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methylene chloride	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
trans-1,2-Dichloroethene	5.0	U	5.0	U	5.0	U	5.0	U	0.56	J
Methyl tert-butyl ether	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethane	1.5	J	7.6		48		14		16	
cis-1,2-Dichloroethene	0.85	J	5.4		13		7.1		11	
2-Butanone	10	U	10	U	10	U	10	U	10	U
Bromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloroform	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,1-Trichloroethane	48		7.7		630	J	110		16	
Cyclohexane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Carbon tetrachloride	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Benzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dioxane	100	R	8.9	J	100	R	12	J	100	R
Trichloroethene	0.66	J	2.2	J	4.9	J	3.2	J	8.0	
Methylcyclohexane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichloropropane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromodichloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
cis-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-Methyl-2-pentanone	10	U	10	U	10	U	10	U	10	U
Toluene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
trans-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U

Case #: 40644 SDG : E52C0
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E52C0		E52C1		E52C2		E52C3		E52C4	
Sampling Location :	A4-MW022A-1010		A4-MW022B-1010		A4-MW130A-1010		A4-MW130B-1010		A4-MW032-101006	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	10/7/2010		10/6/2010		10/7/2010		10/7/2010		10/6/2010	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	5.0	U	1.8	J	5.0	U	5.0	U
Tetrachloroethene	5.0	U	5.0	U	1.1	J	0.53	J	0.70	J
2-Hexanone	10	U	10	U	10	U	10	U	10	U
Dibromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromoethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Ethylbenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
o-Xylene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
m,p-Xylene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Styrene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromoform	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Isopropylbenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,3-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromo-3-chloropropane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2,4-Trichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2,3-Trichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U

Analytical Results (Qualified Data)

Case #: 40644
SDG : E52C0
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E52C5		E52C6		E52C7		E52C7MS		E52C7MSD	
Sampling Location :	A4-MW401A-1010		A4-MW401A-1010		A4-MW401B-1010		A4-MW401B-1010		A4-MW401B-10100	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	10/6/2010		10/6/2010		10/6/2010					
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	0.67	J	0.62	J	0.74	J	5.0	U	5.0	U
Chloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Vinyl chloride	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromomethane	5.0	U	5.0	U	5.0	U	5.0	UJ	5.0	UJ
Chloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Trichlorofluoromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethene	5.0	U	5.0	U	5.0	U	60	J	56	J
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Acetone	20	U	10	U	20	U	10	U	10	U
Carbon Disulfide	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methyl acetate	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methylene chloride	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
trans-1,2-Dichloroethene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methyl tert-butyl ether	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethane	8.6		8.4		10		11		11	
cis-1,2-Dichloroethene	5.9		5.8		6.8		6.9	J	6.9	J
2-Butanone	10	U	10	U	10	U	10	U	10	U
Bromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloroform	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,1-Trichloroethane	9.9		9.9		10		13		13	
Cyclohexane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Carbon tetrachloride	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Benzene	5.0	U	5.0	U	5.0	U	60		56	
1,2-Dichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dioxane	13	J	100	R	100	R	14	J	100	R
Trichloroethene	3.1	J	3.1	J	3.4	J	63		59	
Methylcyclohexane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichloropropane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromodichloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
cis-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-Methyl-2-pentanone	10	U	10	U	10	U	10	U	10	U
Toluene	5.0	U	5.0	U	5.0	U	60		56	
trans-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U

Analytical Results (Qualified Data)

Case #: 40644
SDG : E52C0
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E52C5		E52C6		E52C7		E52C7MS		E52C7MSD	
Sampling Location :	A4-MW401A-1010		A4-MW401A-1010		A4-MW401B-1010		A4-MW401B-1010		A4-MW401B-10100	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	10/6/2010		10/6/2010		10/6/2010					
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Tetrachloroethene	5.0	U	5.0	U	5.0	U	0.51	J	5.0	U
2-Hexanone	10	U	10	U	10	U	10	U	10	U
Dibromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromoethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chlorobenzene	5.0	U	5.0	U	5.0	UJ	56		53	
Ethylbenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
o-Xylene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
m,p-Xylene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Styrene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromoform	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Isopropylbenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U	5.0	U	5.0	UJ	5.0	UJ	5.0	UJ
1,3-Dichlorobenzene	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U
1,4-Dichlorobenzene	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U
1,2-Dichlorobenzene	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U
1,2-Dibromo-3-chloropropane	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	UJ
1,2,4-Trichlorobenzene	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U
1,2,3-Trichlorobenzene	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U

Analytical Results (Qualified Data)

Case #: 40644
SDG : E52C0
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E52C8		VBLKVK		VBLKVM		VBLKWG		VBLKWM	
Sampling Location :	A4-TB001-101006									
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	10/6/2010									
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2									
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Vinyl chloride	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromomethane	5.0	U	5.0	U	5.0	U	5.0	UJ	5.0	U
Chloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Trichlorofluoromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Acetone	5.7	J	10	U	0.57	J	10	U	10	U
Carbon Disulfide	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methyl acetate	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methylene chloride	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
trans-1,2-Dichloroethene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methyl tert-butyl ether	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
cis-1,2-Dichloroethene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-Butanone	2.4	J	10	U	10	U	10	U	10	U
Bromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloroform	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,1-Trichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Cyclohexane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Carbon tetrachloride	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Benzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dioxane	100	R	100	R	100	R	100	R	100	R
Trichloroethene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methylcyclohexane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichloropropane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromodichloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
cis-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-Methyl-2-pentanone	10	U	10	U	10	U	10	U	10	U
Toluene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
trans-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U

Case #: 40644
SDG : E52C0
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	E52C8		VBLKVK		VBLKVM		VBLKWG		VBLKWM	
Sampling Location :	A4-TB001-101006									
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	10/6/2010									
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2									
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Tetrachloroethene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-Hexanone	10	U	10	U	10	U	10	U	10	U
Dibromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromoethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Ethylbenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
o-Xylene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
m,p-Xylene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Styrene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromoform	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Isopropylbenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U	5.0	U	5.0	U	5.0	UJ	5.0	U
1,3-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromo-3-chloropropane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2,4-Trichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2,3-Trichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U

Analytical Results (Qualified Data)

Case #: 40644
Site :
Lab. :
Reviewer :
Date :

SDG : E52C0
SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
SHEALY

Sample Number :	VHBLK01									
Sampling Location :										
Matrix :	Water									
Units :	ug/L									
Date Sampled :										
Time Sampled :										
%Moisture :	N/A									
pH :										
Dilution Factor :	1.0									
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	5.0	U								
Chloromethane	5.0	U								
Vinyl chloride	5.0	U								
Bromomethane	5.0	U								
Chloroethane	5.0	U								
Trichlorofluoromethane	5.0	U								
1,1-Dichloroethene	5.0	U								
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U								
Acetone	10	U								
Carbon Disulfide	5.0	U								
Methyl acetate	5.0	U								
Methylene chloride	5.0	U								
trans-1,2-Dichloroethene	5.0	U								
Methyl tert-butyl ether	5.0	U								
1,1-Dichloroethane	5.0	U								
cis-1,2-Dichloroethene	5.0	U								
2-Butanone	10	U								
Bromochloromethane	5.0	U								
Chloroform	5.0	U								
1,1,1-Trichloroethane	5.0	U								
Cyclohexane	5.0	U								
Carbon tetrachloride	5.0	U								
Benzene	5.0	U								
1,2-Dichloroethane	5.0	U								
1,4-Dioxane	100	R								
Trichloroethene	5.0	U								
Methylcyclohexane	5.0	U								
1,2-Dichloropropane	5.0	U								
Bromodichloromethane	5.0	U								
cis-1,3-Dichloropropene	5.0	U								
4-Methyl-2-pentanone	10	U								
Toluene	5.0	U								
trans-1,3-Dichloropropene	5.0	U								

Analytical Results (Qualified Data)

Case #: 40644
SDG : E52C0
Site : SOUTHEAST ROCKFORD GROUND WATER CONTAMINATION
Lab. : SHEALY
Reviewer :
Date :

Sample Number :	VHBLK01									
Sampling Location :										
Matrix :	Water									
Units :	ug/L									
Date Sampled :										
Time Sampled :										
%Moisture :	N/A									
pH :										
Dilution Factor :	1.0									
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U								
Tetrachloroethene	5.0	U								
2-Hexanone	10	U								
Dibromochloromethane	5.0	U								
1,2-Dibromoethane	5.0	U								
Chlorobenzene	5.0	U								
Ethylbenzene	5.0	U								
o-Xylene	5.0	U								
m,p-Xylene	5.0	U								
Styrene	5.0	U								
Bromoform	5.0	U								
Isopropylbenzene	5.0	U								
1,1,2,2-Tetrachloroethane	5.0	U								
1,3-Dichlorobenzene	5.0	U								
1,4-Dichlorobenzene	5.0	U								
1,2-Dichlorobenzene	5.0	U								
1,2-Dibromo-3-chloropropane	5.0	U								
1,2,4-Trichlorobenzene	5.0	U								
1,2,3-Trichlorobenzene	5.0	U								

Appendix B – Analytical Data

Fourth Quarter, January 2011

Sample Summary Report

Case No:	40952	Contract:	EPW05026	SDG No:	E52F3	Lab Code:	DATAC
Sample Number:	E52F3	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-EW002-110112	pH:	1.0	Sample Date:	01122011	Sample Time:	12:45:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1,1-Trichloroethane	77	ug/L	1.0			Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	7.4	ug/L	1.0			Yes	
1,1-Dichloroethene	1.5	ug/L	1.0	J	J	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	JB	U	Yes	
1,4-Dichlorobenzene	0.45	ug/L	1.0	J	J	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.58	ug/L	1.0	J	J	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
Trichloroethene	2.7	ug/L	1.0	J	J	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	3.5	ug/L	1.0	J	J	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	0.30	ug/L	1.0	J	J	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	

Case No:	40952	Contract:	EPW05026	SDG No:	E52F3	Lab Code:	DATAC
Sample Number:	E52F4	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-EW003-110112	pH:	1.0	Sample Date:	01122011	Sample Time:	12:50:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1,1-Trichloroethane	2000	ug/L	2.0	E	J	Yes	
1,1,2,2-Tetrachloroethane	10	ug/L	2.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	10	ug/L	2.0	U	U	Yes	
1,1,2-Trichloroethane	1.2	ug/L	2.0	J	J	Yes	
1,1-Dichloroethane	35	ug/L	2.0			Yes	
1,1-Dichloroethene	8.7	ug/L	2.0	J	J	Yes	
1,2,3-Trichlorobenzene	10	ug/L	2.0	U	U	Yes	
1,2,4-Trichlorobenzene	10	ug/L	2.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	10	ug/L	2.0	U	U	Yes	
1,2-Dibromoethane	10	ug/L	2.0	U	U	Yes	
1,2-Dichlorobenzene	10	ug/L	2.0	U	U	Yes	
1,2-Dichloroethane	10	ug/L	2.0	U	U	Yes	
1,2-Dichloropropane	10	ug/L	2.0	U	U	Yes	
1,3-Dichlorobenzene	10	ug/L	2.0	U	U	Yes	
1,4-Dichlorobenzene	10	ug/L	2.0	U	U	Yes	
1,4-Dioxane	200	ug/L	2.0	U	R	Yes	
2-Butanone	20	ug/L	2.0	U	U	Yes	
2-Hexanone	20	ug/L	2.0	U	U	Yes	
4-Methyl-2-Pentanone	20	ug/L	2.0	U	U	Yes	
Acetone	20	ug/L	2.0	U	U	Yes	
Benzene	10	ug/L	2.0	U	U	Yes	
Bromochloromethane	10	ug/L	2.0	U	U	Yes	
Bromodichloromethane	10	ug/L	2.0	U	U	Yes	
Bromoform	10	ug/L	2.0	U	U	Yes	
Bromomethane	10	ug/L	2.0	U	U	Yes	
Carbon disulfide	10	ug/L	2.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Carbon tetrachloride	10	ug/L	2.0	U	U	Yes	
Chlorobenzene	10	ug/L	2.0	U	U	Yes	
Chloroethane	10	ug/L	2.0	U	U	Yes	
Chloroform	10	ug/L	2.0	U	U	Yes	
Chloromethane	10	ug/L	2.0	U	U	Yes	
Cyclohexane	10	ug/L	2.0	U	U	Yes	
Dibromochloromethane	10	ug/L	2.0	U	U	Yes	
Dichlorodifluoromethane	10	ug/L	2.0	U	U	Yes	
Ethylbenzene	0.77	ug/L	2.0	J	J	Yes	
Isopropylbenzene	0.57	ug/L	2.0	J	J	Yes	
Methyl acetate	10	ug/L	2.0	U	U	Yes	
Methyl tert-butyl ether	10	ug/L	2.0	U	U	Yes	
Methylcyclohexane	10	ug/L	2.0	U	U	Yes	
Methylene chloride	10	ug/L	2.0	U	U	Yes	
Styrene	10	ug/L	2.0	U	U	Yes	
Tetrachloroethene	2.2	ug/L	2.0	J	J	Yes	
Toluene	0.72	ug/L	2.0	J	J	Yes	
Trichloroethene	8.9	ug/L	2.0	J	J	Yes	
Trichlorofluoromethane	10	ug/L	2.0	U	U	Yes	
Vinyl chloride	10	ug/L	2.0	U	U	Yes	
cis-1,2-Dichloroethene	5.9	ug/L	2.0	J	J	Yes	
cis-1,3-Dichloropropene	10	ug/L	2.0	U	U	Yes	
m,p-Xylene	2.2	ug/L	2.0	J	J	Yes	
o-Xylene	1.8	ug/L	2.0	J	J	Yes	
trans-1,2-Dichloroethene	10	ug/L	2.0	U	U	Yes	
trans-1,3-Dichloropropene	10	ug/L	2.0	U	U	Yes	

Case No:	40952	Contract:	EPW05026	SDG No:	E52F3	Lab Code:	DATAC
Sample Number:	E52F4DL	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:	1.0	Sample Date:	01122011	Sample Time:	12:50:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1,1-Trichloroethane	1900	ug/L	20.0	D		Yes	
1,1,2,2-Tetrachloroethane	100	ug/L	20.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	100	ug/L	20.0	U	U	Yes	
1,1,2-Trichloroethane	100	ug/L	20.0	U	U	Yes	
1,1-Dichloroethane	33	ug/L	20.0	JD	J	Yes	
1,1-Dichloroethene	100	ug/L	20.0	U	U	Yes	
1,2,3-Trichlorobenzene	100	ug/L	20.0	U	U	Yes	
1,2,4-Trichlorobenzene	100	ug/L	20.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	100	ug/L	20.0	U	U	Yes	
1,2-Dibromoethane	100	ug/L	20.0	U	U	Yes	
1,2-Dichlorobenzene	100	ug/L	20.0	U	U	Yes	
1,2-Dichloroethane	100	ug/L	20.0	U	U	Yes	
1,2-Dichloropropane	100	ug/L	20.0	U	U	Yes	
1,3-Dichlorobenzene	100	ug/L	20.0	U	U	Yes	
1,4-Dichlorobenzene	100	ug/L	20.0	U	U	Yes	
1,4-Dioxane	2000	ug/L	20.0	U	R	Yes	
2-Butanone	200	ug/L	20.0	U	U	Yes	
2-Hexanone	200	ug/L	20.0	U	U	Yes	
4-Methyl-2-Pentanone	200	ug/L	20.0	U	U	Yes	
Acetone	200	ug/L	20.0	U	U	Yes	
Benzene	100	ug/L	20.0	U	U	Yes	
Bromochloromethane	100	ug/L	20.0	U	U	Yes	
Bromodichloromethane	100	ug/L	20.0	U	U	Yes	
Bromoform	100	ug/L	20.0	U	U	Yes	
Bromomethane	100	ug/L	20.0	U	U	Yes	
Carbon disulfide	100	ug/L	20.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Carbon tetrachloride	100	ug/L	20.0	U	U	Yes	
Chlorobenzene	100	ug/L	20.0	U	U	Yes	
Chloroethane	100	ug/L	20.0	U	U	Yes	
Chloroform	100	ug/L	20.0	U	U	Yes	
Chloromethane	100	ug/L	20.0	U	U	Yes	
Cyclohexane	100	ug/L	20.0	U	U	Yes	
Dibromochloromethane	100	ug/L	20.0	U	U	Yes	
Dichlorodifluoromethane	100	ug/L	20.0	U	U	Yes	
Ethylbenzene	100	ug/L	20.0	U	U	Yes	
Isopropylbenzene	100	ug/L	20.0	U	U	Yes	
Methyl acetate	100	ug/L	20.0	U	U	Yes	
Methyl tert-butyl ether	100	ug/L	20.0	U	U	Yes	
Methylcyclohexane	100	ug/L	20.0	U	U	Yes	
Methylene chloride	8.0	ug/L	20.0	JD	J	Yes	
Styrene	100	ug/L	20.0	U	U	Yes	
Tetrachloroethene	100	ug/L	20.0	U	U	Yes	
Toluene	100	ug/L	20.0	U	U	Yes	
Trichloroethene	100	ug/L	20.0	U	U	Yes	
Trichlorofluoromethane	100	ug/L	20.0	U	U	Yes	
Vinyl chloride	100	ug/L	20.0	U	U	Yes	
cis-1,2-Dichloroethene	100	ug/L	20.0	U	U	Yes	
cis-1,3-Dichloropropene	100	ug/L	20.0	U	U	Yes	
m,p-Xylene	100	ug/L	20.0	U	U	Yes	
o-Xylene	100	ug/L	20.0	U	U	Yes	
trans-1,2-Dichloroethene	100	ug/L	20.0	U	U	Yes	
trans-1,3-Dichloropropene	100	ug/L	20.0	U	U	Yes	

Case No:	40952	Contract:	EPW05026	SDG No:	E52F3	Lab Code:	DATAC
Sample Number:	E52F5	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-FB001-110112	pH:	1.0	Sample Date:	01122011	Sample Time:	11:50:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	

Case No:	40952	Contract:	EPW05026	SDG No:	E52F3	Lab Code:	DATAC
Sample Number:	E52F6	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-FB002-110113	pH:	1.0	Sample Date:	01132011	Sample Time:	10:20:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	JB	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	JB	U	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	

Case No:	40952	Contract:	EPW05026	SDG No:	E52F3	Lab Code:	DATAC
Sample Number:	E52F7	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MLW01A-110112	pH:	1.0	Sample Date:	01122011	Sample Time:	11:45:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1,1-Trichloroethane	5.5	ug/L	1.0			Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	6.7	ug/L	1.0			Yes	
1,1-Dichloroethene	1.5	ug/L	1.0	J	J	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.23	ug/L	1.0	J	J	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	3.2	ug/L	1.0	J	J	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	

Case No: 40952	Contract: EPW05026	SDG No: E52F3	Lab Code: DATAC
Sample Number: E52F8	Method: VOA_Low_Med	Matrix: Water	MA Number: DEFAULT
Sample Location: A4-MLW01B-110112	pH: 1.0	Sample Date: 01122011	Sample Time: 12:20:00
% Moisture :		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1,1-Trichloroethane	6.9	ug/L	1.0			Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	4.9	ug/L	1.0	J	J	Yes	
1,1-Dichloroethene	1.3	ug/L	1.0	J	J	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.54	ug/L	1.0	J	J	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
Trichloroethene	2.5	ug/L	1.0	J	J	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	3.5	ug/L	1.0	J	J	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	

Case No:	40952	Contract:	EPW05026	SDG No:	E52F3	Lab Code:	DATAC
Sample Number:	E52F9	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MLW01C-110112	pH:	1.0	Sample Date:	01122011	Sample Time:	14:00:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1,1-Trichloroethane	6.8	ug/L	1.0			Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	J	J	Yes	
1,1-Dichloroethene	1.4	ug/L	1.0	J	J	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.50	ug/L	1.0	J	J	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
Trichloroethene	2.6	ug/L	1.0	J	J	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	3.3	ug/L	1.0	J	J	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	

Case No: 40952	Contract: EPW05026	SDG No: E52F3	Lab Code: DATAC
Sample Number: E52G0	Method: VOA_Low_Med	Matrix: Water	MA Number: DEFAULT
Sample Location: A4-MLW01D-110112	pH: 1.0	Sample Date: 01122011	Sample Time: 14:45:00
% Moisture :		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1,1-Trichloroethane	7.5	ug/L	1.0			Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	6.0	ug/L	1.0			Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.45	ug/L	1.0	J	J	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
Trichloroethene	2.7	ug/L	1.0	J	J	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	4.2	ug/L	1.0	J	J	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	

Case No: 40952	Contract: EPW05026	SDG No: E52F3	Lab Code: DATAC
Sample Number: E52G1	Method: VOA_Low_Med	Matrix: Water	MA Number: DEFAULT
Sample Location: A4-MLW01E-110112	pH: 1.0	Sample Date: 01122011	Sample Time: 15:45:00
% Moisture :		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1,1-Trichloroethane	1500	ug/L	2.0	E	J	Yes	
1,1,2,2-Tetrachloroethane	10	ug/L	2.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	10	ug/L	2.0	U	U	Yes	
1,1,2-Trichloroethane	10	ug/L	2.0	U	U	Yes	
1,1-Dichloroethane	36	ug/L	2.0			Yes	
1,1-Dichloroethene	6.8	ug/L	2.0	J	J	Yes	
1,2,3-Trichlorobenzene	10	ug/L	2.0	U	U	Yes	
1,2,4-Trichlorobenzene	10	ug/L	2.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	10	ug/L	2.0	U	U	Yes	
1,2-Dibromoethane	10	ug/L	2.0	U	U	Yes	
1,2-Dichlorobenzene	10	ug/L	2.0	U	U	Yes	
1,2-Dichloroethane	10	ug/L	2.0	U	U	Yes	
1,2-Dichloropropane	10	ug/L	2.0	U	U	Yes	
1,3-Dichlorobenzene	10	ug/L	2.0	U	U	Yes	
1,4-Dichlorobenzene	10	ug/L	2.0	U	U	Yes	
1,4-Dioxane	200	ug/L	2.0	U	R	Yes	
1-Phenyl-1-butene	17	ug/L	2.0	JN	J	Yes	
2-Butanone	20	ug/L	2.0	U	U	Yes	
2-Hexanone	20	ug/L	2.0	U	U	Yes	
4-Methyl-2-Pentanone	20	ug/L	2.0	U	U	Yes	
Acetone	20	ug/L	2.0	U	U	Yes	
Benzene	10	ug/L	2.0	U	U	Yes	
Benzene, 1,2,3,5-tetramethyl-	18	ug/L	2.0	JN	JN	Yes	
Benzene, 1,2,3-trimethyl-	81	ug/L	2.0	JN	JN	Yes	
Benzene, 1,3,5-trimethyl-	260	ug/L	2.0	JN	JN	Yes	
Benzene, 1-ethyl-2,3-	16	ug/L	2.0	JN	JN	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
dimethyl-	16	ug/L	2.0	JN	JN	Yes	
Benzene, 1-ethyl-2,4-dimethyl-	19	ug/L	2.0	JN	JN	Yes	
Benzene, 1-ethyl-2-methyl-	67	ug/L	2.0	JN	JN	Yes	
Benzene, 1-methyl-3-(1-methylethyl)-	18	ug/L	2.0	JN	JN	Yes	
Benzene, 1-methyl-3-propyl-	27	ug/L	2.0	JN	J	Yes	
Benzene, 1-methyl-4-(1-methylethyl)-	32	ug/L	2.0	JN	JN	Yes	
Benzene, 2-ethyl-1,4-dimethyl-	20	ug/L	2.0	JN	JN	Yes	
Benzene, propyl-	22	ug/L	2.0	JN	JN	Yes	
Bromochloromethane	10	ug/L	2.0	U	U	Yes	
Bromodichloromethane	10	ug/L	2.0	U	U	Yes	
Bromoform	10	ug/L	2.0	U	U	Yes	
Bromomethane	10	ug/L	2.0	U	U	Yes	
Carbon disulfide	10	ug/L	2.0	U	U	Yes	
Carbon tetrachloride	10	ug/L	2.0	U	U	Yes	
Chlorobenzene	10	ug/L	2.0	U	U	Yes	
Chloroethane	10	ug/L	2.0	U	U	Yes	
Chloroform	10	ug/L	2.0	U	U	Yes	
Chloromethane	10	ug/L	2.0	U	U	Yes	
Cyclohexane	10	ug/L	2.0	U	U	Yes	
Dibromochloromethane	10	ug/L	2.0	U	U	Yes	
Dichlorodifluoromethane	10	ug/L	2.0	U	U	Yes	
Ethylbenzene	11	ug/L	2.0			Yes	
Isopropylbenzene	8.9	ug/L	2.0	J	J	Yes	
Methyl acetate	10	ug/L	2.0	U	U	Yes	
Methyl tert-butyl ether	10	ug/L	2.0	U	U	Yes	
Methylcyclohexane	0.89	ug/L	2.0	J	J	Yes	
Methylene chloride	10	ug/L	2.0	U	U	Yes	
Naphthalene, 1,2,3,4-tetrahydro-	13	ug/L	2.0	JN	JN	Yes	
Styrene	10	ug/L	2.0	U	U	Yes	
Tetrachloroethene	25	ug/L	2.0			Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Toluene	1.7	ug/L	2.0	J	J	Yes	
Trichloroethene	4.5	ug/L	2.0	J	J	Yes	
Trichlorofluoromethane	10	ug/L	2.0	U	U	Yes	
Vinyl chloride	10	ug/L	2.0	U	U	Yes	
cis-1,2-Dichloroethene	10	ug/L	2.0			Yes	
cis-1,3-Dichloropropene	10	ug/L	2.0	U	U	Yes	
m,p-Xylene	27	ug/L	2.0			Yes	
o-Xylene	21	ug/L	2.0			Yes	
trans-1,2-Dichloroethene	10	ug/L	2.0	U	U	Yes	
trans-1,3-Dichloropropene	10	ug/L	2.0	U	U	Yes	

Case No:	40952	Contract:	EPW05026	SDG No:	E52F3	Lab Code:	DATAC
Sample Number:	E52G1DL	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:	1.0	Sample Date:	01122011	Sample Time:	15:45:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1,1-Trichloroethane	1200	ug/L	20.0	D		Yes	
1,1,2,2-Tetrachloroethane	100	ug/L	20.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	100	ug/L	20.0	U	U	Yes	
1,1,2-Trichloroethane	100	ug/L	20.0	U	U	Yes	
1,1-Dichloroethane	34	ug/L	20.0	JD	J	Yes	
1,1-Dichloroethene	100	ug/L	20.0	U	U	Yes	
1,2,3-Trichlorobenzene	100	ug/L	20.0	U	U	Yes	
1,2,4-Trichlorobenzene	100	ug/L	20.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	100	ug/L	20.0	U	U	Yes	
1,2-Dibromoethane	100	ug/L	20.0	U	U	Yes	
1,2-Dichlorobenzene	100	ug/L	20.0	U	U	Yes	
1,2-Dichloroethane	100	ug/L	20.0	U	U	Yes	
1,2-Dichloropropane	100	ug/L	20.0	U	U	Yes	
1,3-Dichlorobenzene	100	ug/L	20.0	U	U	Yes	
1,4-Dichlorobenzene	100	ug/L	20.0	U	U	Yes	
1,4-Dioxane	2000	ug/L	20.0	U	R	Yes	
2-Butanone	200	ug/L	20.0	U	U	Yes	
2-Hexanone	200	ug/L	20.0	U	U	Yes	
4-Methyl-2-Pentanone	200	ug/L	20.0	U	U	Yes	
Acetone	200	ug/L	20.0	U	U	Yes	
Benzene	100	ug/L	20.0	U	U	Yes	
Benzene, 1,3,5-trimethyl-	200	ug/L	20.0	JND	JND	Yes	
Bromochloromethane	100	ug/L	20.0	U	U	Yes	
Bromodichloromethane	100	ug/L	20.0	U	U	Yes	
Bromoform	100	ug/L	20.0	U	U	Yes	
Bromomethane	100	ug/L	20.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Carbon disulfide	100	ug/L	20.0	U	U	Yes	
Carbon tetrachloride	100	ug/L	20.0	U	U	Yes	
Chlorobenzene	100	ug/L	20.0	U	U	Yes	
Chloroethane	100	ug/L	20.0	U	U	Yes	
Chloroform	100	ug/L	20.0	U	U	Yes	
Chloromethane	100	ug/L	20.0	U	U	Yes	
Cyclohexane	100	ug/L	20.0	U	U	Yes	
Dibromochloromethane	100	ug/L	20.0	U	U	Yes	
Dichlorodifluoromethane	100	ug/L	20.0	U	U	Yes	
Ethylbenzene	10	ug/L	20.0	JD	J	Yes	
Isopropylbenzene	6.9	ug/L	20.0	JD	J	Yes	
Methyl acetate	100	ug/L	20.0	U	U	Yes	
Methyl tert-butyl ether	100	ug/L	20.0	U	U	Yes	
Methylcyclohexane	100	ug/L	20.0	U	U	Yes	
Methylene chloride	100	ug/L	20.0	U	U	Yes	
Styrene	100	ug/L	20.0	U	U	Yes	
Tetrachloroethene	21	ug/L	20.0	JD	J	Yes	
Toluene	100	ug/L	20.0	U	U	Yes	
Trichloroethene	100	ug/L	20.0	U	U	Yes	
Trichlorofluoromethane	100	ug/L	20.0	U	U	Yes	
Vinyl chloride	100	ug/L	20.0	U	U	Yes	
cis-1,2-Dichloroethene	8.8	ug/L	20.0	JD	J	Yes	
cis-1,3-Dichloropropene	100	ug/L	20.0	U	U	Yes	
m,p-Xylene	25	ug/L	20.0	JD	J	Yes	
o-Xylene	16	ug/L	20.0	JD	J	Yes	
trans-1,2-Dichloroethene	100	ug/L	20.0	U	U	Yes	
trans-1,3-Dichloropropene	100	ug/L	20.0	U	U	Yes	

Case No:	40952	Contract:	EPW05026	SDG No:	E52F3	Lab Code:	DATAC
Sample Number:	E52G2	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW022A-110113	pH:	1.0	Sample Date:	01132011	Sample Time:	11:25:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1,1-Trichloroethane	35	ug/L	1.0			Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	2.4	ug/L	1.0	J	J	Yes	
1,1-Dichloroethene	1.5	ug/L	1.0	J	J	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Ethane, 1-chloro-1,1-difluoro-	5.7	ug/L	1.0	JN	J	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.19	ug/L	1.0	J	J	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	1.8	ug/L	1.0	J	J	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	

Case No: 40952	Contract: EPW05026	SDG No: E52F3	Lab Code: DATAC
Sample Number: E52G3	Method: VOA_Low_Med	Matrix: Water	MA Number: DEFAULT
Sample Location: A4-MW022A-110113-D	pH: 1.0	Sample Date: 01132011	Sample Time: 11:25:00
% Moisture :		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1,1-Trichloroethane	33	ug/L	1.0			Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	2.1	ug/L	1.0	J	J	Yes	
1,1-Dichloroethene	1.4	ug/L	1.0	J	J	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Dibromochlorom ethane	5.0	ug/L	1.0	U	U	Yes	
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzen e	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethen e	5.0	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluorom ethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	1.6	ug/L	1.0	J	J	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	

Case No:	40952	Contract:	EPW05026	SDG No:	E52F3	Lab Code:	DATAC
Sample Number:	E52G4	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW022B-110113	pH:	1.0	Sample Date:	01132011	Sample Time:	10:10:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1,1-Trichloroethane	6.4	ug/L	1.0			Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	6.4	ug/L	1.0			Yes	
1,1-Dichloroethene	1.5	ug/L	1.0	J	J	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	u	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Ethane, 1-chloro-1,1-difluoro-	28	ug/L	1.0	JN	JN	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.31	ug/L	1.0	J	J	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	0.25	ug/L	1.0	J	J	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	3.7	ug/L	1.0	J	J	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	

Case No:	40952	Contract:	EPW05026	SDG No:	E52F3	Lab Code:	DATAC
Sample Number:	E52G4MS	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:	1.0	Sample Date:	01132011	Sample Time:	10:10:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1,1-Trichloroethane	6.6	ug/L	1.0			Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.63	ug/L	1.0	J	J	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	6.0	ug/L	1.0			Yes	
1,1-Dichloroethene	49	ug/L	1.0			Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Benzene	59	ug/L	1.0			Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	52	ug/L	1.0	B		Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.38	ug/L	1.0	J	J	Yes	
Toluene	51	ug/L	1.0	B		Yes	
Trichloroethene	58	ug/L	1.0			Yes	
Trichlorofluoromethane	0.25	ug/L	1.0	J	J	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	3.5	ug/L	1.0	J	J	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	0.26	ug/L	1.0	J	J	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	

Case No:	40952	Contract:	EPW05026	SDG No:	E52F3	Lab Code:	DATAC
Sample Number:	E52G4MSD	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:		pH:	1.0	Sample Date:	01132011	Sample Time:	10:10:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1,1-Trichloroethane	6.2	ug/L	1.0			Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.5	ug/L	1.0			Yes	
1,1-Dichloroethene	53	ug/L	1.0			Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Benzene	57	ug/L	1.0			Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	51	ug/L	1.0	B		Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.29	ug/L	1.0	J	J	Yes	
Toluene	54	ug/L	1.0	B		Yes	
Trichloroethene	57	ug/L	1.0			Yes	
Trichlorofluoromethane	0.21	ug/L	1.0	J	J	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	3.4	ug/L	1.0	J	J	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	0.17	ug/L	1.0	J	J	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	

Case No:	40952	Contract:	EPW05026	SDG No:	E52F3	Lab Code:	DATAC
Sample Number:	E52G5	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW032-110112	pH:	1.0	Sample Date:	01122011	Sample Time:	10:15:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1,1-Trichloroethane	14	ug/L	1.0			Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	13	ug/L	1.0			Yes	
1,1-Dichloroethene	3.7	ug/L	1.0	J	J	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.75	ug/L	1.0	J	J	Yes	
Toluene	5.0	ug/L	1.0	JB	U	Yes	
Trichloroethene	8.1	ug/L	1.0			Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	8.7	ug/L	1.0			Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	0.42	ug/L	1.0	J	J	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	

Case No:	40952	Contract:	EPW05026	SDG No:	E52F3	Lab Code:	DATAC
Sample Number:	E52G6	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW130A-110113	pH:	1.0	Sample Date:	01132011	Sample Time:	14:10:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1,1-Trichloroethane	410	ug/L	1.0	E	J	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	1.1	ug/L	1.0	J	J	Yes	
1,1-Dichloroethane	33	ug/L	1.0			Yes	
1,1-Dichloroethene	8.5	ug/L	1.0			Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.72	ug/L	1.0	J	J	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
Trichloroethene	4.1	ug/L	1.0	J	J	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	7.8	ug/L	1.0			Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	0.39	ug/L	1.0	J	J	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	

Case No: 40952	Contract: EPW05026	SDG No: E52F3	Lab Code: DATAC
Sample Number: E52G6DL	Method: VOA_Low_Med	Matrix: Water	MA Number: DEFAULT
Sample Location:	pH: 1.0	Sample Date: 01132011	Sample Time: 14:10:00
% Moisture :		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1,1-Trichloroethane	630	ug/L	5.0	D		Yes	
1,1,2,2-Tetrachloroethane	25	ug/L	5.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	25	ug/L	5.0	U	U	Yes	
1,1,2-Trichloroethane	25	ug/L	5.0	U	U	Yes	
1,1-Dichloroethane	54	ug/L	5.0	D		Yes	
1,1-Dichloroethene	18	ug/L	5.0	JD	J	Yes	
1,2,3-Trichlorobenzene	25	ug/L	5.0	U	U	Yes	
1,2,4-Trichlorobenzene	25	ug/L	5.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	25	ug/L	5.0	U	U	Yes	
1,2-Dibromoethane	25	ug/L	5.0	U	U	Yes	
1,2-Dichlorobenzene	25	ug/L	5.0	U	U	Yes	
1,2-Dichloroethane	25	ug/L	5.0	U	U	Yes	
1,2-Dichloropropane	25	ug/L	5.0	U	U	Yes	
1,3-Dichlorobenzene	25	ug/L	5.0	U	U	Yes	
1,4-Dichlorobenzene	25	ug/L	5.0	U	U	Yes	
1,4-Dioxane	500	ug/L	5.0	U	R	Yes	
2-Butanone	50	ug/L	5.0	U	U	Yes	
2-Hexanone	50	ug/L	5.0	U	U	Yes	
4-Methyl-2-Pentanone	50	ug/L	5.0	U	U	Yes	
Acetone	50	ug/L	5.0	U	U	Yes	
Benzene	25	ug/L	5.0	U	U	Yes	
Bromochloromethane	25	ug/L	5.0	U	U	Yes	
Bromodichloromethane	25	ug/L	5.0	U	U	Yes	
Bromoform	25	ug/L	5.0	U	U	Yes	
Bromomethane	25	ug/L	5.0	U	U	Yes	
Carbon disulfide	25	ug/L	5.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Carbon tetrachloride	25	ug/L	5.0	U	U	Yes	
Chlorobenzene	25	ug/L	5.0	U	U	Yes	
Chloroethane	25	ug/L	5.0	U	U	Yes	
Chloroform	25	ug/L	5.0	U	U	Yes	
Chloromethane	25	ug/L	5.0	U	U	Yes	
Cyclohexane	25	ug/L	5.0	U	U	Yes	
Dibromochloromethane	25	ug/L	5.0	U	U	Yes	
Dichlorodifluoromethane	25	ug/L	5.0	U	U	Yes	
Ethylbenzene	25	ug/L	5.0	U	U	Yes	
Isopropylbenzene	25	ug/L	5.0	U	U	Yes	
Methyl acetate	25	ug/L	5.0	U	U	Yes	
Methyl tert-butyl ether	25	ug/L	5.0	U	U	Yes	
Methylcyclohexane	25	ug/L	5.0	U	U	Yes	
Methylene chloride	25	ug/L	5.0	U	U	Yes	
Styrene	25	ug/L	5.0	U	U	Yes	
Tetrachloroethene	25	ug/L	5.0	U	U	Yes	
Toluene	25	ug/L	5.0	U	U	Yes	
Trichloroethene	25	ug/L	5.0	U	U	Yes	
Trichlorofluoromethane	25	ug/L	5.0	U	U	Yes	
Vinyl chloride	25	ug/L	5.0	U	U	Yes	
cis-1,2-Dichloroethene	14	ug/L	5.0	JD	J	Yes	
cis-1,3-Dichloropropene	25	ug/L	5.0	U	U	Yes	
m,p-Xylene	25	ug/L	5.0	U	U	Yes	
o-Xylene	25	ug/L	5.0	U	U	Yes	
trans-1,2-Dichloroethene	25	ug/L	5.0	U	U	Yes	
trans-1,3-Dichloropropene	25	ug/L	5.0	U	U	Yes	

Case No:	40952	Contract:	EPW05026	SDG No:	E52F3	Lab Code:	DATAC
Sample Number:	E52G7	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW130B-110113	pH:	1.0	Sample Date:	01132011	Sample Time:	12:50:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1,1-Trichloroethane	60	ug/L	1.0			Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	11	ug/L	1.0			Yes	
1,1-Dichloroethene	2.5	ug/L	1.0	J	J	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Ethane, 1-chloro-1,1-difluoro-	9.5	ug/L	1.0	JN	J	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.40	ug/L	1.0	J	J	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
Trichloroethene	3.1	ug/L	1.0	J	J	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	4.7	ug/L	1.0	J	J	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	0.30	ug/L	1.0	J	J	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	

Case No: 40952	Contract: EPW05026	SDG No: E52F3	Lab Code: DATAC
Sample Number: E52G8	Method: VOA_Low_Med	Matrix: Water	MA Number: DEFAULT
Sample Location: A4-MW401A-110112	pH: 1.0	Sample Date: 01122011	Sample Time: 11:40:00
% Moisture :		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1,1-Trichloroethane	9.6	ug/L	1.0			Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	

Case No:	40952	Contract:	EPW05026	SDG No:	E52F3	Lab Code:	DATAC
Sample Number:	E52G9	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW401B-110113	pH:	1.0	Sample Date:	01132011	Sample Time:	08:20:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1,1-Trichloroethane	9.2	ug/L	1.0			Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	8.8	ug/L	1.0			Yes	
1,1-Dichloroethene	1.7	ug/L	1.0	J	J	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Dibromochlorom ethane	5.0	ug/L	1.0	U	U	Yes	
Dichlorodifluoro methane	5.0	ug/L	1.0	U	U	Yes	
Ethane, 1-chloro-1,1-difluoro-	9.3	ug/L	1.0	JN	JN	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzen e	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexa ne	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethen e	0.35	ug/L	1.0	J	J	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
Trichloroethene	3.2	ug/L	1.0	J	J	Yes	
Trichlorofluorom ethane	0.14	ug/L	1.0	J	J	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.2	ug/L	1.0			Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	

Case No:	40952	Contract:	EPW05026	SDG No:	E52F3	Lab Code:	DATAC
Sample Number:	E52H0	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-MW401B-110113-D	pH:	1.0	Sample Date:	01132011	Sample Time:	08:20:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1,1-Trichloroethane	8.8	ug/L	1.0			Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	8.4	ug/L	1.0			Yes	
1,1-Dichloroethene	1.9	ug/L	1.0	J	J	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Acetone	20	ug/L	1.0	J	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	0.35	ug/L	1.0	J	J	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
Trichloroethene	3.3	ug/L	1.0	J	J	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	J	J	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	

Case No:	40952	Contract:	EPW05026	SDG No:	E52F3	Lab Code:	DATAC
Sample Number:	E52H1	Method:	VOA_Low_Med	Matrix:	Water	MA Number:	DEFAULT
Sample Location:	A4-TB001-110113	pH:	1.0	Sample Date:	01132011	Sample Time:	10:30:00
% Moisture :				% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Acetone	6.9	ug/L	1.0	J	J	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	JB	U	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	

Case No: 40952	Contract: EPW05026	SDG No: E52F3	Lab Code: DATAC
Sample Number: VBLKW1	Method: VOA_Low_Med	Matrix: Water	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	0.91	ug/L	1.0	J	J	Yes	
1,2,4-Trichlorobenzene	0.78	ug/L	1.0	J	J	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	0.56	ug/L	1.0	J	J	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	0.24	ug/L	1.0	J	J	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
Styrene	0.32	ug/L	1.0	J	J	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
Toluene	0.18	ug/L	1.0	J	J	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	

Case No: 40952	Contract: EPW05026	SDG No: E52F3	Lab Code: DATAC
Sample Number: VBLKW2	Method: VOA_Low_Med	Matrix: Water	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	0.78	ug/L	1.0	J	J	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	0.41	ug/L	1.0	J	J	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
Styrene	0.27	ug/L	1.0	J	J	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	

Case No: 40952	Contract: EPW05026	SDG No: E52F3	Lab Code: DATAC
Sample Number: VHBLKW1	Method: VOA_Low_Med	Matrix: Water	MA Number: DEFAULT
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
1,1,1-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2,2-Tetrachloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	ug/L	1.0	U	U	Yes	
1,1,2-Trichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,1-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
1,2,3-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2,4-Trichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromo-3-chloropropane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dibromoethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloroethane	5.0	ug/L	1.0	U	U	Yes	
1,2-Dichloropropane	5.0	ug/L	1.0	U	U	Yes	
1,3-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dichlorobenzene	5.0	ug/L	1.0	U	U	Yes	
1,4-Dioxane	100	ug/L	1.0	U	R	Yes	
2-Butanone	10	ug/L	1.0	U	U	Yes	
2-Hexanone	10	ug/L	1.0	U	U	Yes	
4-Methyl-2-Pentanone	10	ug/L	1.0	U	U	Yes	
Acetone	10	ug/L	1.0	U	U	Yes	
Benzene	5.0	ug/L	1.0	U	U	Yes	
Bromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromodichloromethane	5.0	ug/L	1.0	U	U	Yes	
Bromoform	5.0	ug/L	1.0	U	U	Yes	
Bromomethane	5.0	ug/L	1.0	U	U	Yes	
Carbon disulfide	5.0	ug/L	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Carbon tetrachloride	5.0	ug/L	1.0	U	U	Yes	
Chlorobenzene	5.0	ug/L	1.0	U	U	Yes	
Chloroethane	5.0	ug/L	1.0	U	U	Yes	
Chloroform	5.0	ug/L	1.0	U	U	Yes	
Chloromethane	5.0	ug/L	1.0	U	U	Yes	
Cyclohexane	5.0	ug/L	1.0	U	U	Yes	
Dibromochloromethane	5.0	ug/L	1.0	U	U	Yes	
Dichlorodifluoromethane	5.0	ug/L	1.0	U	U	Yes	
Ethylbenzene	5.0	ug/L	1.0	U	U	Yes	
Isopropylbenzene	5.0	ug/L	1.0	U	U	Yes	
Methyl acetate	5.0	ug/L	1.0	U	U	Yes	
Methyl tert-butyl ether	5.0	ug/L	1.0	U	U	Yes	
Methylcyclohexane	5.0	ug/L	1.0	U	U	Yes	
Methylene chloride	5.0	ug/L	1.0	U	U	Yes	
Styrene	5.0	ug/L	1.0	U	U	Yes	
Tetrachloroethene	5.0	ug/L	1.0	U	U	Yes	
Toluene	5.0	ug/L	1.0	U	U	Yes	
Trichloroethene	5.0	ug/L	1.0	U	U	Yes	
Trichlorofluoromethane	5.0	ug/L	1.0	U	U	Yes	
Vinyl chloride	5.0	ug/L	1.0	U	U	Yes	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
cis-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	
m,p-Xylene	5.0	ug/L	1.0	U	U	Yes	
o-Xylene	5.0	ug/L	1.0	U	U	Yes	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	U	U	Yes	
trans-1,3-Dichloropropene	5.0	ug/L	1.0	U	U	Yes	

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